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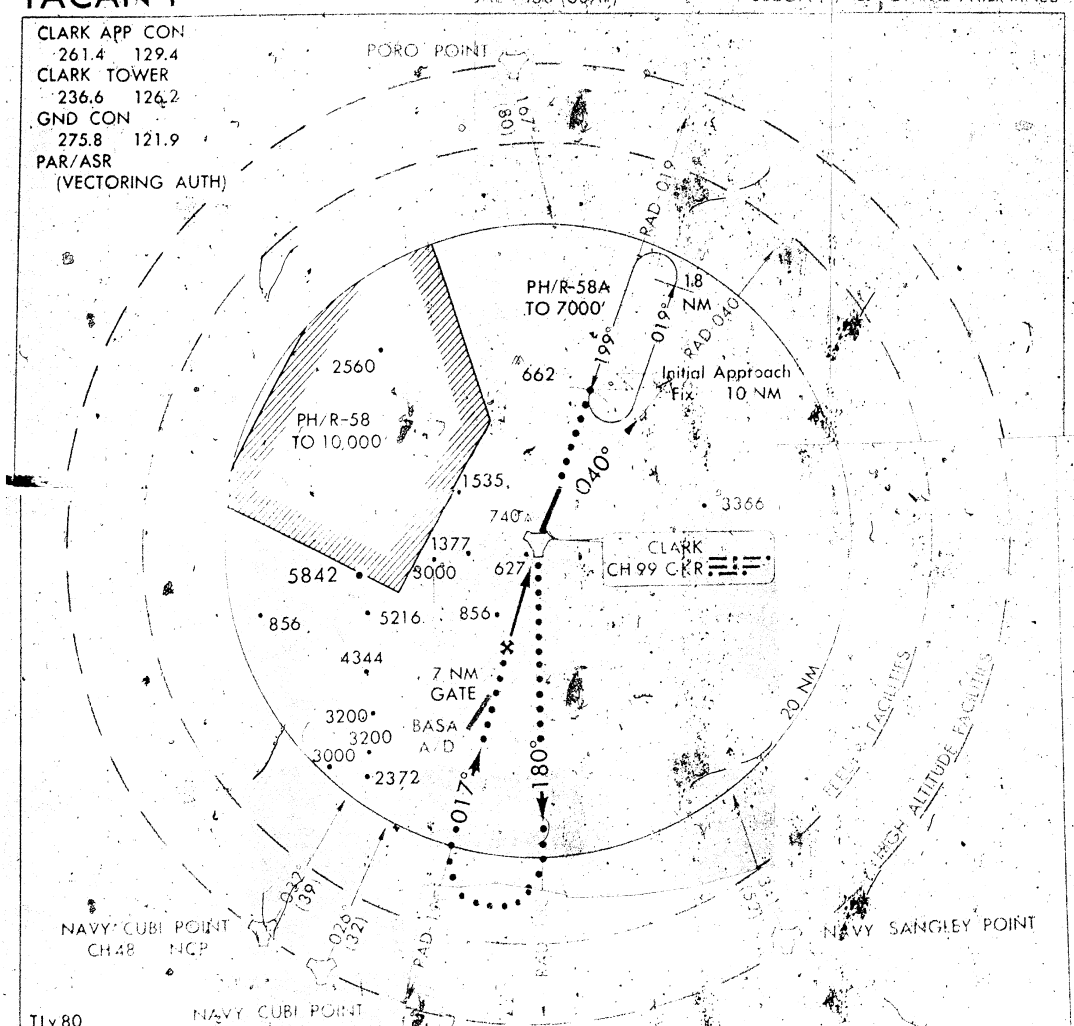
TACAN-1

CLARK APP CON
261.4 129.4
CLARK TOWER
236.6 126.2
GND CON
275.8 121.9
PAR/ASR
(VECTORING AUTH)

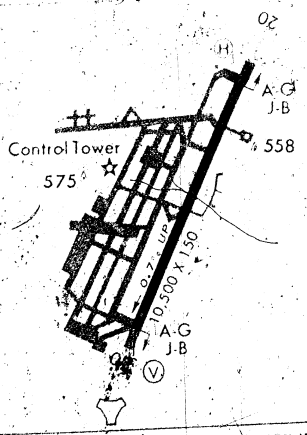


TLv 80
TA 7000
EMERG SAFE ALT 100 NM 11,600

MIN SAFE ALT 25 NM 6800
FIELD ELEV 4'

Right turn remain within 25 NM

RAD-180
6 NM
TACAN
180°
RAD 019
10 NM
99°
FL 200
FL110
MISSED APPROACH
0.5 NM after TACAN, climb on RAD-040 to 5000 within 15 NM.
RAD-197
7 NM
GATE
8000
2300
0.5
NM
040°
0.5



LANDING MINIMA

Straight-in	1000 MSL	500-1
Circling *		

*Circling to East only.

TACAN to Missed Approach 0.5 NM

Knots	120	140	160	180	200
Min : Sec	0:15	0:13	0:12	0:10	0:09

15°11'N-120°33'E

LUZON I REP OF THE PHILIPPINES
CLARK AB

TACAN-1

CLARK

25 YEAR RE-REVIEW

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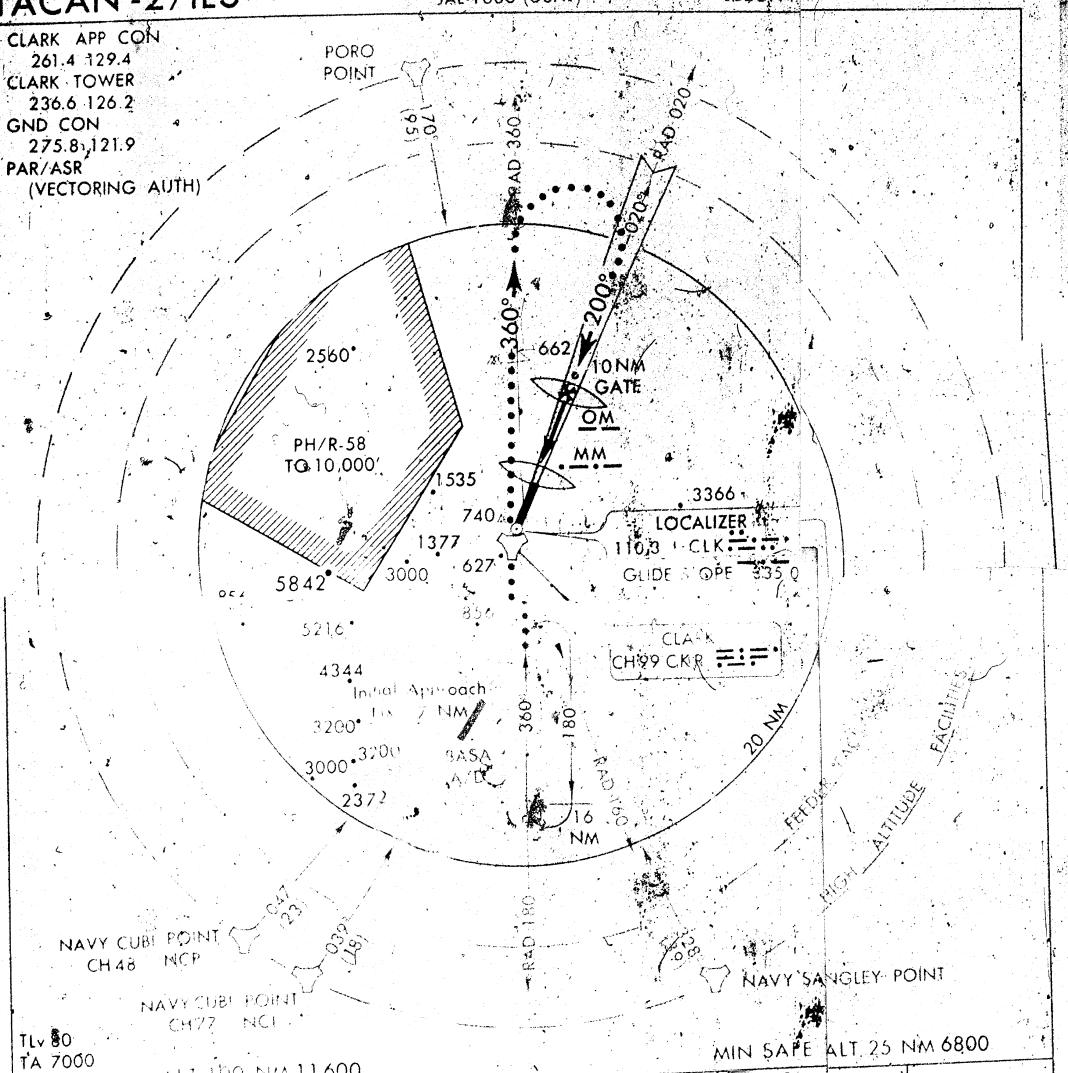
TACAN-2/ILS

JAL-1880 (USAF) LUZON I. REP. OF THE PHILIPPINES

CLARK AB

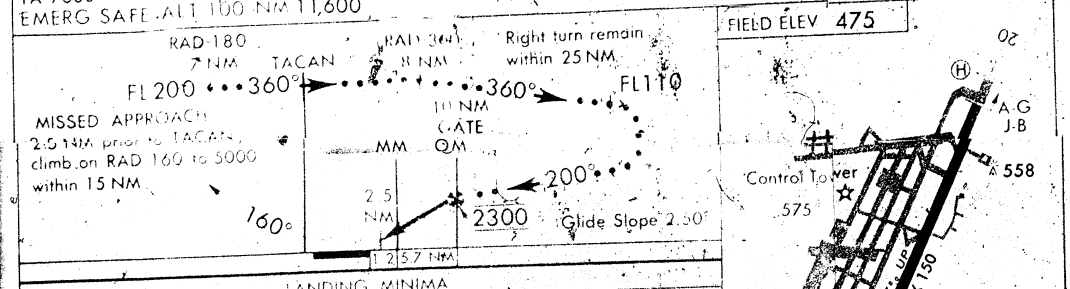
CLARK APP CON
261.4 129.4
CLARK TOWER
236.6 126.2
GND CON
275.8 121.9
PAR/ASR
(VECTORING AUTH)

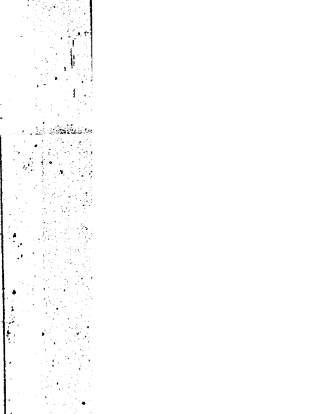


TLv 80
TA 7000
EMERG SAFE ALT 100 NM 11,600

MIN SAFE ALT 25 NM 6800

FIELD ELEV 475





LANDING MINIMA		
Str-in-ILS	700 MSL	200-½
Str-in-TACAN	900 MSL	400-1
Circling *	1000 MSL	500-1
Str-in-LOC	800 MSL	300-1

*Circling to East only.

LUZON I. REP. OF THE PHILIPPINES

15°11'N-120°33'E

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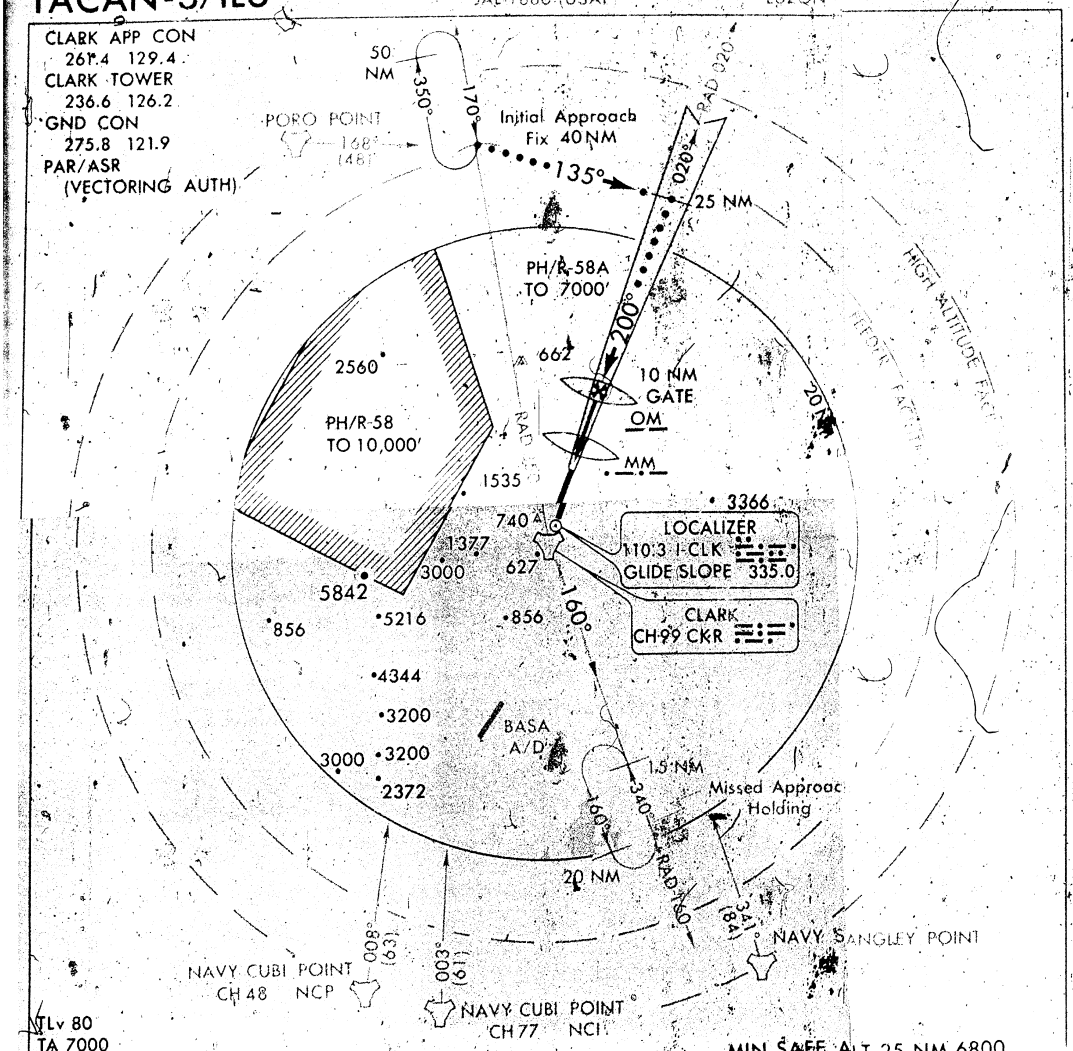
TACAN-3/ILS

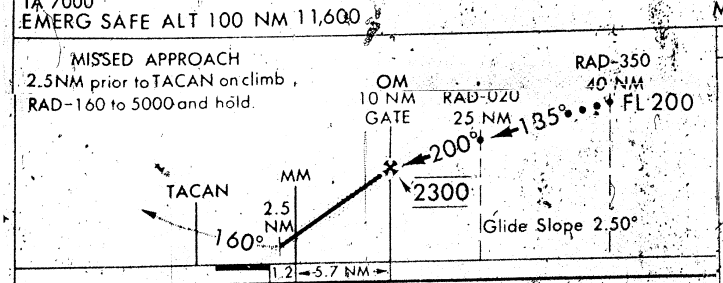
JAL-1880 (USAF) LUZON REP OF THE PHILIPPINES CLARK AB



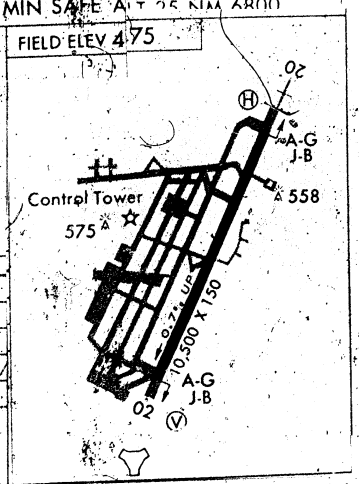
TLv 80
TA 7000
EMERG SAFE ALT 100 NM 11,600

MIN SAFE ALT 25 NM 6800

MISSED APPROACH
2.5NM prior to TACAN on climb, RAD-160 to 5000 and hold.



FIELD ELEV 475



LANDING MINIMA		
Str-in-ILS	700 MSL	200-½
Str-in-TACAN	900 MSL	400-1
Circling *	1000 MSL	500-1
Str-in-LOC	800 MSL	300-1

* Circling to East only.

15°11'N–120°33'E

LUZON REP OF THE PHILIPPINES CLARK AB

TACAN-3/ILS

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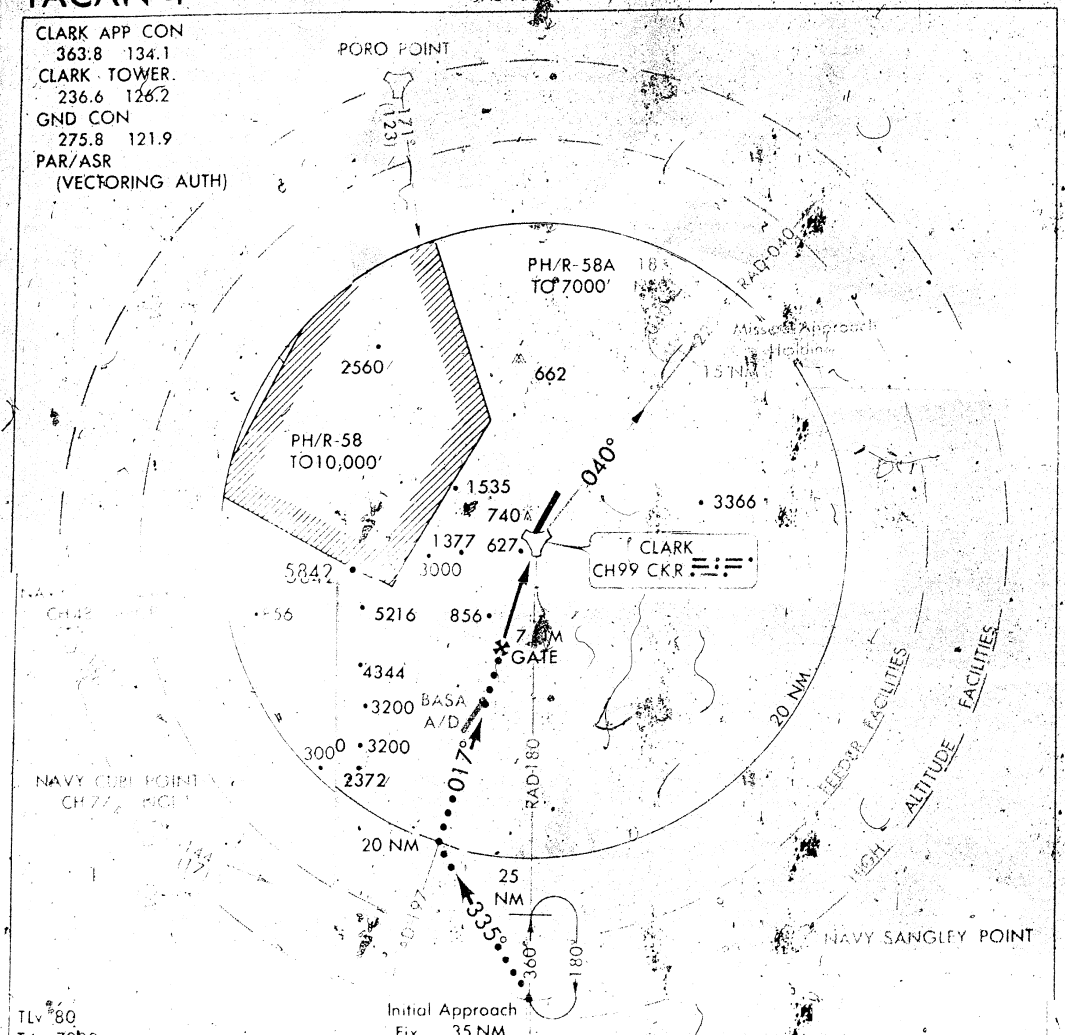
TACAN-4

JAL 1880 (USAF)

CLARK A B
LUZON I, REP OF THE PHILIPPINES

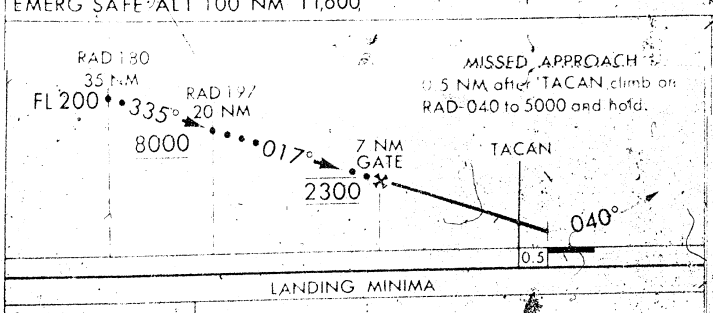
CLARK APP CON
363.8 134.1
CLARK TOWER
236.6 126.2
GND CON
275.8 121.9
PAR/ASR
(VECTORING AUTH)



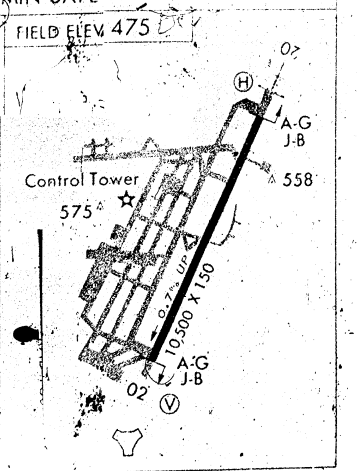
TLv 80
TA 7000
EMERG SAFE ALT 100 NM 11,600

MIN SAFE ALT 25 NM 6800

FIELD ELEV 475



MISSED APPROACH
0.5 NM after TACAN climb on RAD-040 to 5000 and hold.



LANDING MINIMA			
Straight-in	1000 MSL	500-1	
Circling*			

* Circling to East only

TACAN to Missed Approach 0.5 NM

Knots	120	140	160	180	200
Min : Sec	0:15	0:13	0:12	0:10	0:09

15°11'N–120°33'E

LUZON I, REP OF THE PHILIPPINES
CLARK A B

CLARK

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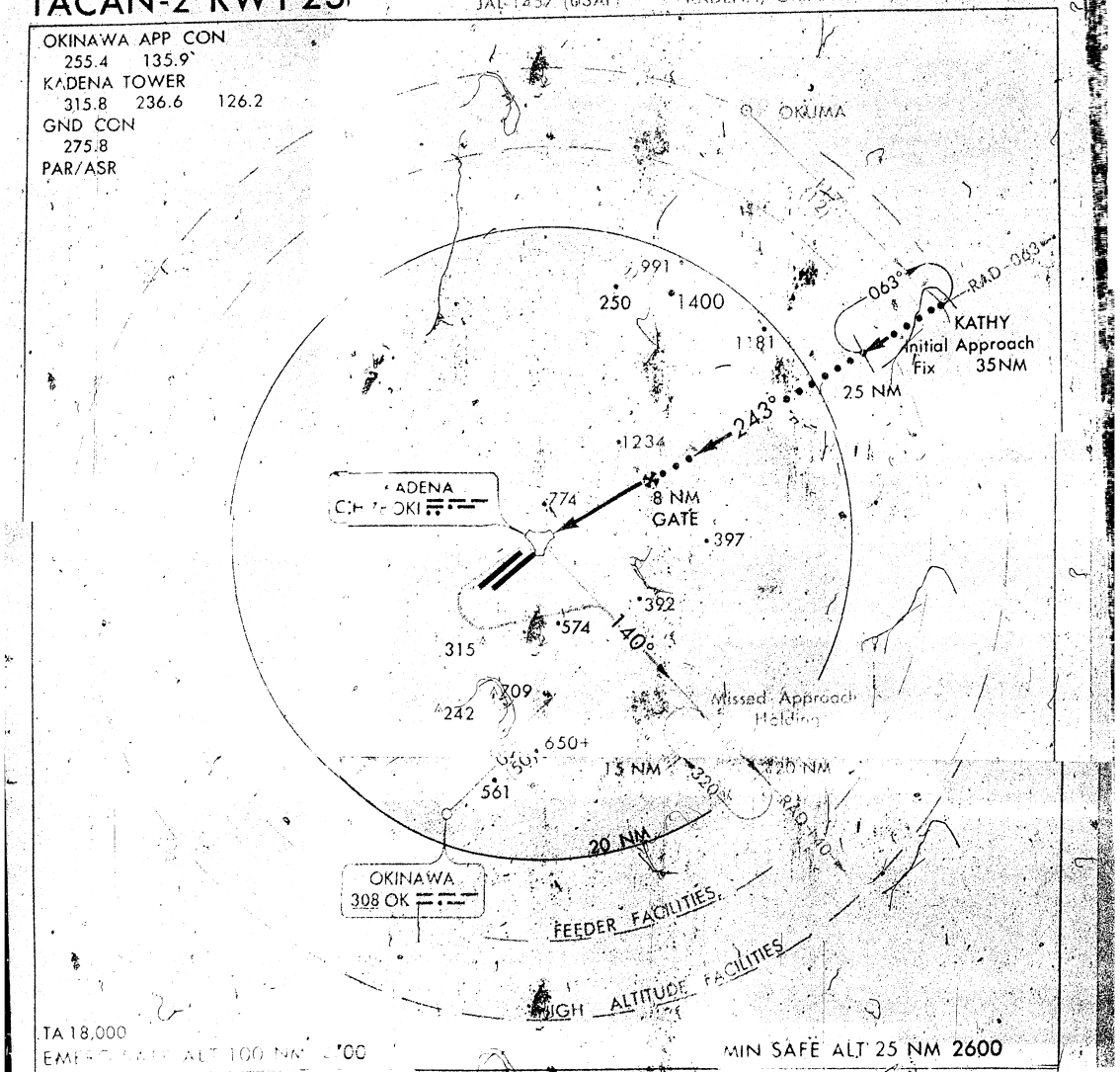
TACAN-2 RWY 23

JAL 1457 (USAF) KADENA, OKINAWA I., RYUKYU ISLANDS

KADENA AB

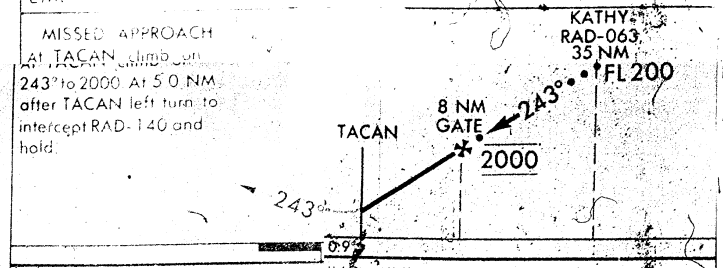
OKINAWA APP CON
255.4 135.9
KADENA TOWER
315.8 236.6 126.2
GND CON
275.8
PAR/ASR



TA 18,000
EMER [illegible] ALT 100 NM 2700

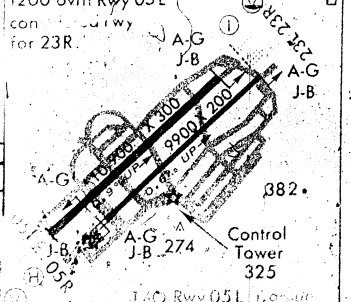
MIN SAFE ALT 25 NM 2600

MISSED APPROACH
At TACAN climb on 243° to 2000. At 5.0 NM after TACAN left turn to intercept RAD-140 and hold.



ELEV 142

Rwy 23R 12,100' aval.
1200' ovrn Rwy 05L (con[illegible] rwy for 23R.



T/O Rwy 05L [illegible]
T/O Rwy 05R [illegible]

CAUTION:
Construction on twys.

LANDING MINIMA

Straight	600 MSL	500-1
Circling *	800 MSL	700-1

* Circling to East only.

TACAN-2 RWY 23 26°21'N-127°46'E KADENA, OKINAWA I., RYUKYU ISLANDS

99

KADENA AB

KADENA

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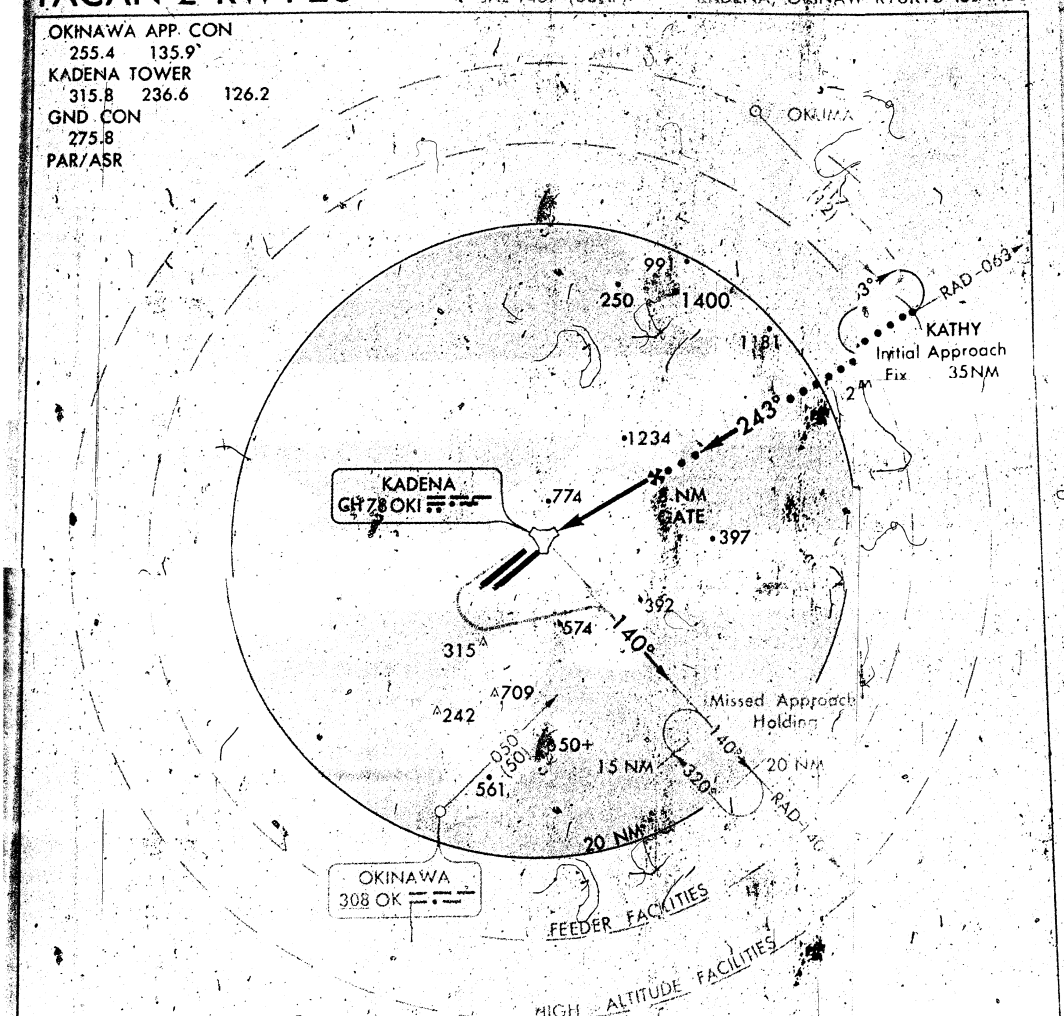
TACAN-2 RWY 23

JAL-1457 (USAF)

KADENA AB
KADENA, OKINAW RYUKYU ISLANDS

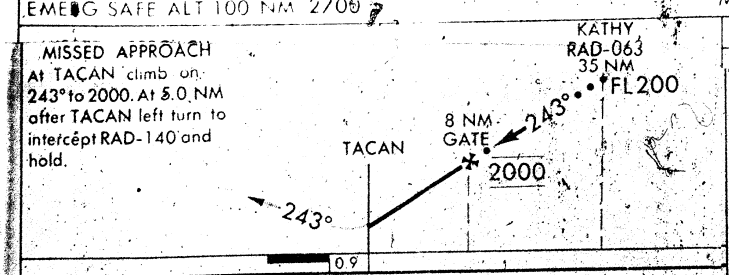
OKINAWA APP CON
255.4 135.9
KADENA TOWER
315.8 236.6 126.2
GND CON
275.8
PAR/ASR



TA 18,000
EMERG SAFE ALT 100 NM 2700

MIN SAFE ALT 25 NM 2600

MISSED APPROACH
At TACAN climb on 243° to 2000. At 5.0 NM after TACAN left turn to intercept RAD-140 and hold.

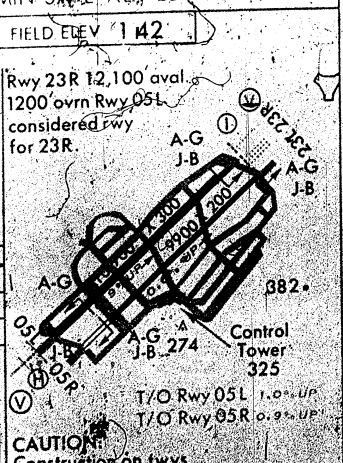


LANDING MINIMA		
Straight-in	600 MSL	500-1
Circling *	800 MSL	700-1

* Circling to East only.

FIELD ELEV 142

Rwy 23R 12,100' aval. 1200' ovrn Rwy 05L considered rwy for 23R.



CAUTION: Construction on twys.

TACAN-2 RWY 23 26°21'N-127°46'E KADENA, OKINAWA I., RYUKYU ISLANDS KADENA AB

99

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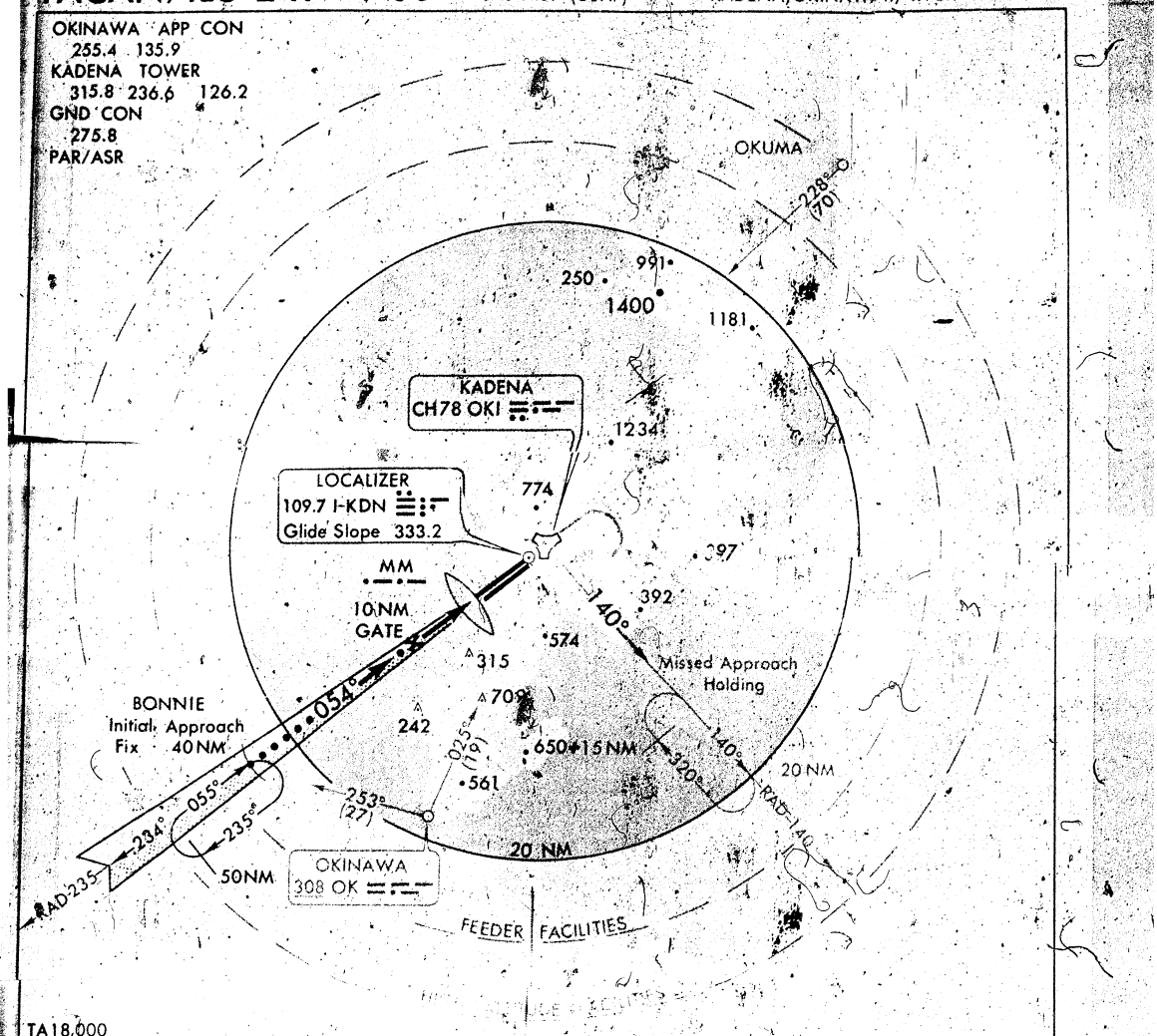
KADENA

TACAN/ILS-2 RWY 05

100
JAL-1457 (USAF)

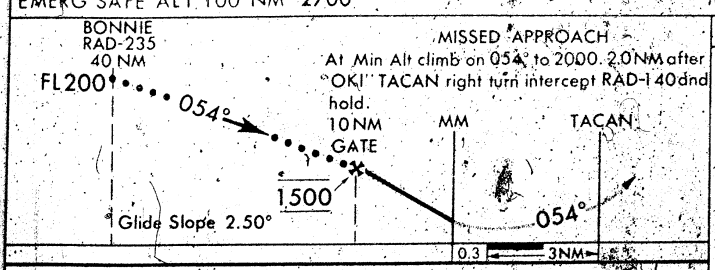
KADENA AB
KADENA, OKINAWA I., RYUKYU ISLANDS

OKINAWA APP CON
255.4 135.9
KADENA TOWER
315.8 236.6 126.2
GND CON
275.8
PAR/ASR



TA 18,000
EMERG SAFE ALT 100 NM 2700

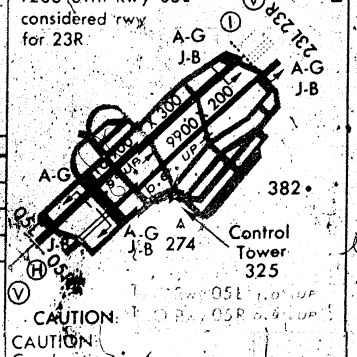
MIN SAFE ALT 25 NM 2600



MISSED APPROACH
At Min Alt climb on 054° to 2000. 2.0 NM after "OKI" TACAN right turn intercept RAD-140 and hold.

FIELD ELEV 142

Rwy 23R 12,100' aval.
1200' ovrn Rwy 05L considered rwy for 23R



LANDING MINIMA

Str-in-ILS	342 MSL	200-½ or RVR 24
Str-in-TACAN	400 MSL	300-1
* Circling	800 MSL	700-1

*Circling to East only.

TACAN/ILS-2 RWY 05

26°21'N-127°46'E

KADENA, OKINAWA I., RYUKYU ISLANDS

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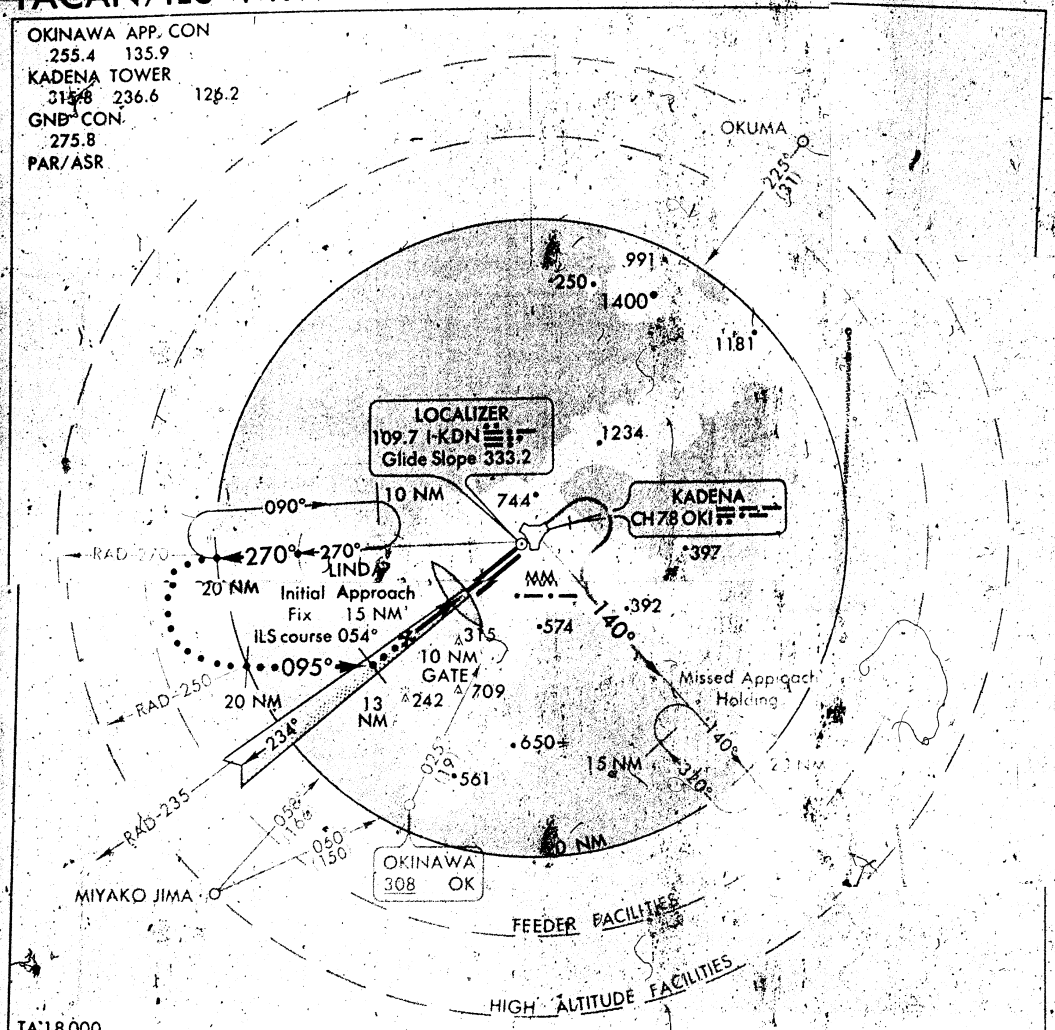
KADENA

TACAN/ILS-4 RWY 05

IAL 1457 (USAF) KADENA, OKINAWA I., RYUKYU ISLANDS

KADENA AB



TA 18,000

EMERG SAFE ALT 100 NM 2700

MIN SAFE ALT 25 NM 2600

Left turn remain within 30 NM

LINDA RAD-270 15 NM

12,000 270° FL200

RAD-250 20 NM

RAD-235 13 NM

4000 095°

2000 054°

10 NM GATE

1500

MM

TACAN

054°

Glide Slope 2.50°

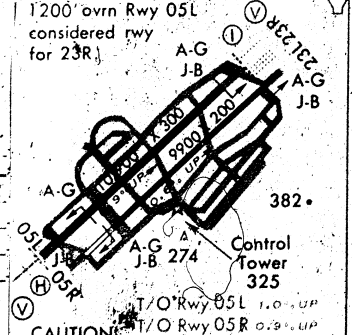
0.3 3.0 NM

MISSED APPROACH

At Min Alt climb on 054° to 2000. 2.0 NM after TACAN right turn intercept RAD-140 and hold.

FIELD ELEV 142

Rwy 23R 12,100' aval. 1200' ovrn Rwy 05L considered rwy for 23R.



CAUTION: Construction on twys.

LANDING MINIMA		
Str-in-ILS	342 MSL	200-½ or RVR 24
Str-in-TACAN	400 MSL	300-1
*Circling	800 MSL	700-1

*Circling to East only.

TACAN/ILS-4 RWY 05 26°21'N-127°46'E KADENA, OKINAWA I., RYUKYU ISLANDS

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KADENA AB

KADENA

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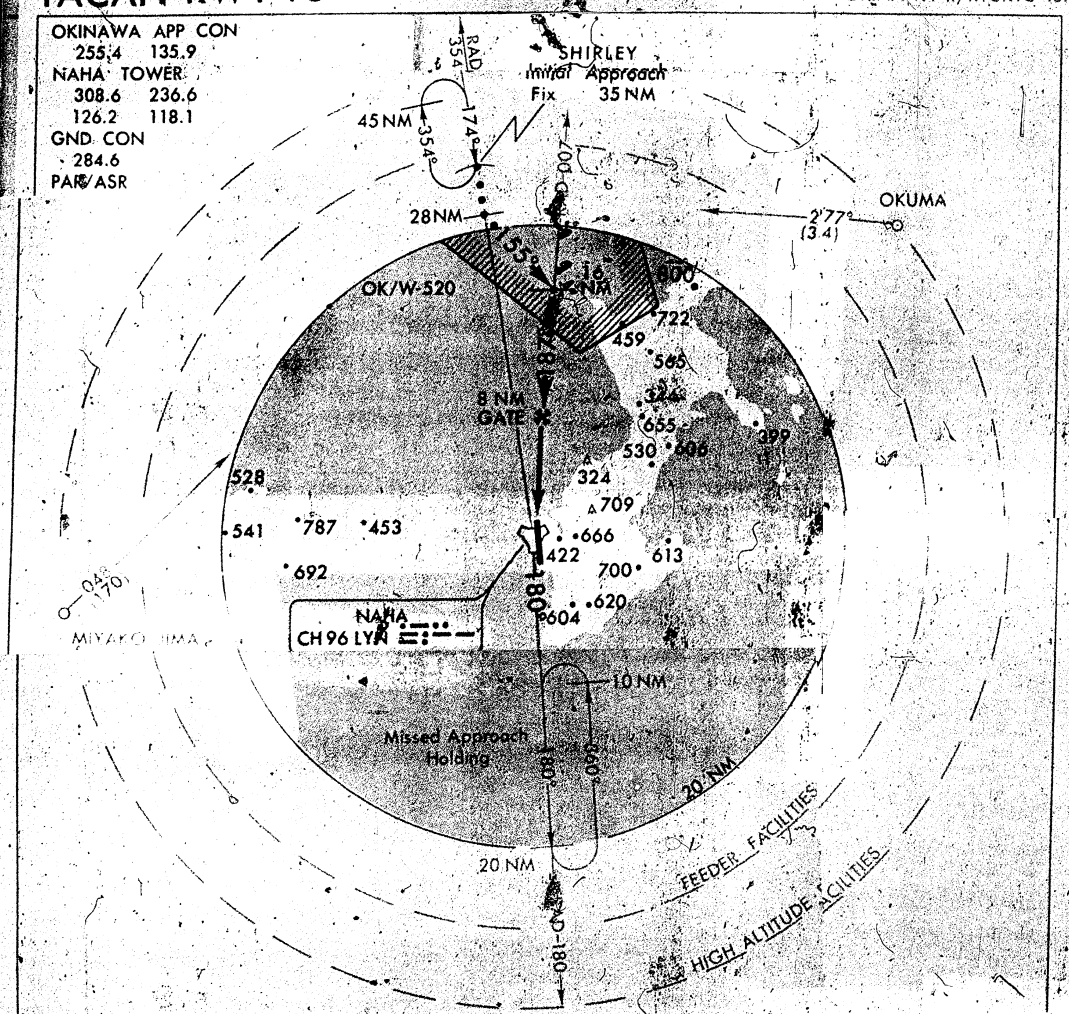
NAHA

TACAN-RWY 18

JAL-1733 (USAF)

NAHA AB
NAHA OKINAWA I., RYUKYU IS.

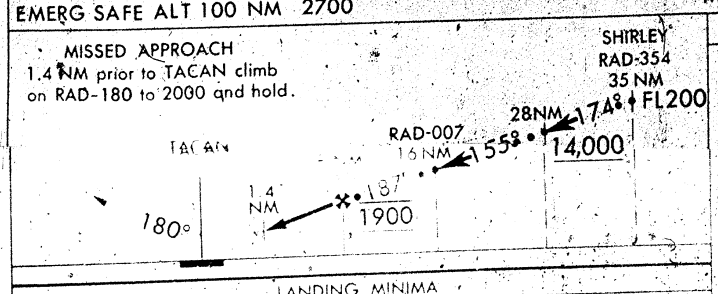


TA 18,000

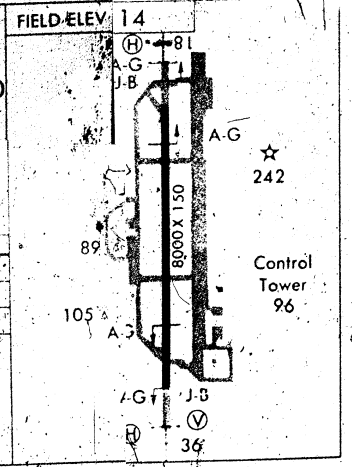
EMERG SAFE ALT 100 NM 2700

MIN SAFE ALT 25 NM 2200

MISSED APPROACH
1.4 NM prior to TACAN climb on RAD-180 to 2000 and hold.



FIELD ELEV 14



LANDING MINIMA		
Straight-in	400 MSL	400-1
Circling *	600 MSL	600-1

* Circling to West only

26°11'N-127°39'E

NAHA, OKINAWA I., RYUKYU IS.

NAHA AB

TACAN-RWY18

NAHA

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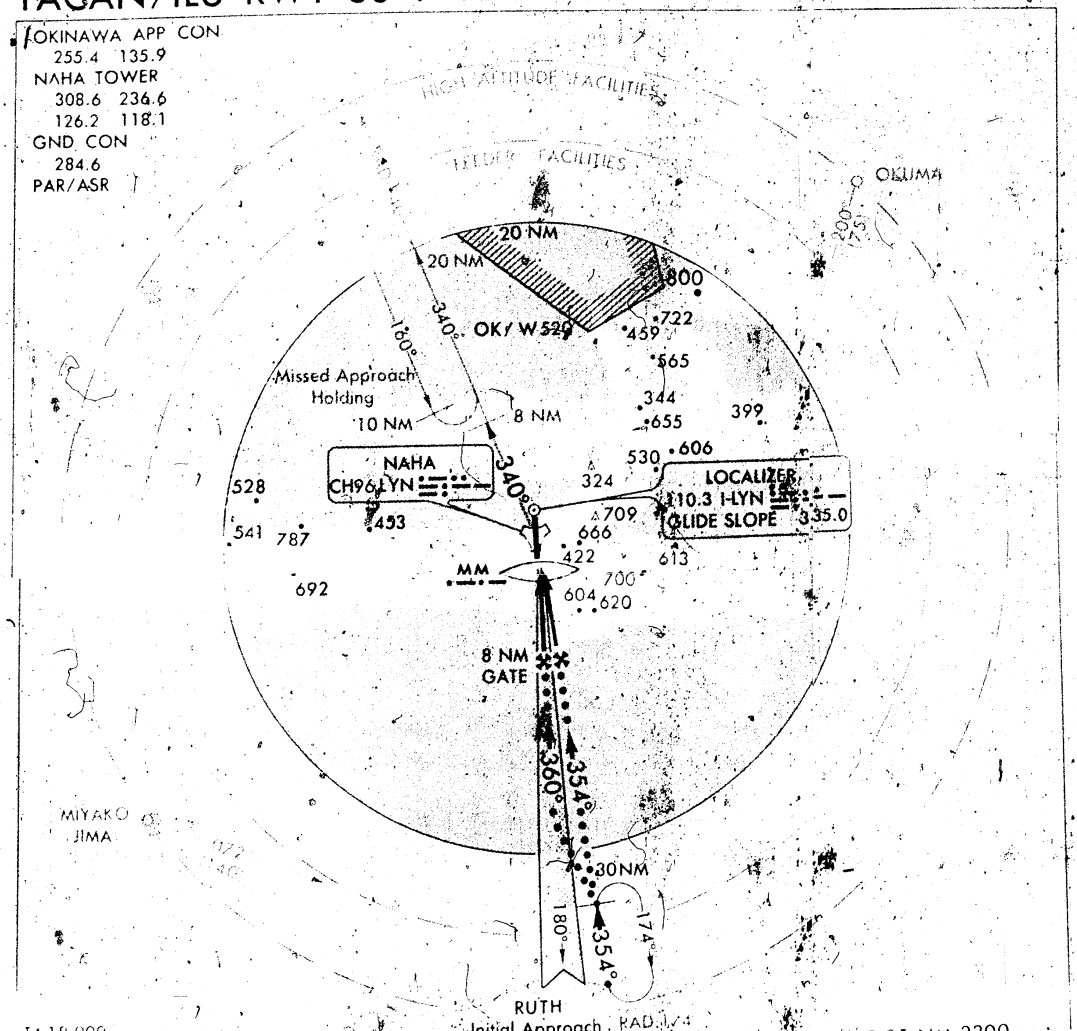
TACAN/ILS RWY 36-1

JAL 1733 (USAF)

NAHA AB
NAHA, OKINAWA I., RYUKYU IS.

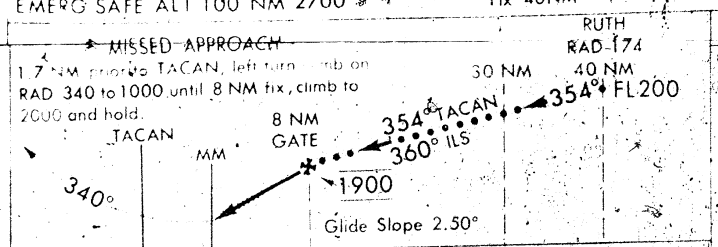
OKINAWA APP CON
255.4 135.9
NAHA TOWER
308.6 236.6
126.2 118.1
GND CON
284.6
PAR/ASR



TA 18,000
EMERG SAFE ALT 100 NM 2700

MIN SAFE ALT 25 NM 2200

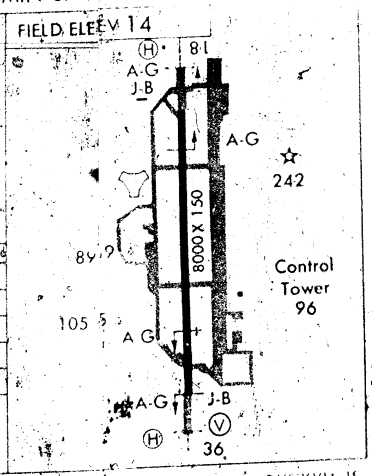
MISSED APPROACH
1.7 NM prior to TACAN, left turn climb on RAD 340 to 1000 until 8 NM fix, climb to 2000 and hold.



LANDING MINIMA		
Str-in-ILS	314 MSL	300-1
Str-in-TACAN	500 MSL	500-1
Circling*	600 MSL	600-1
Str-in-LOC	400 MSL	400-1

*Circling to West only.

FIELD ELEV 14



TACAN/ILS RWY 36-1

26°11'N-127°39'E
157

OKINAWA I., RYUKYU IS.
NAHA AB

NAHA

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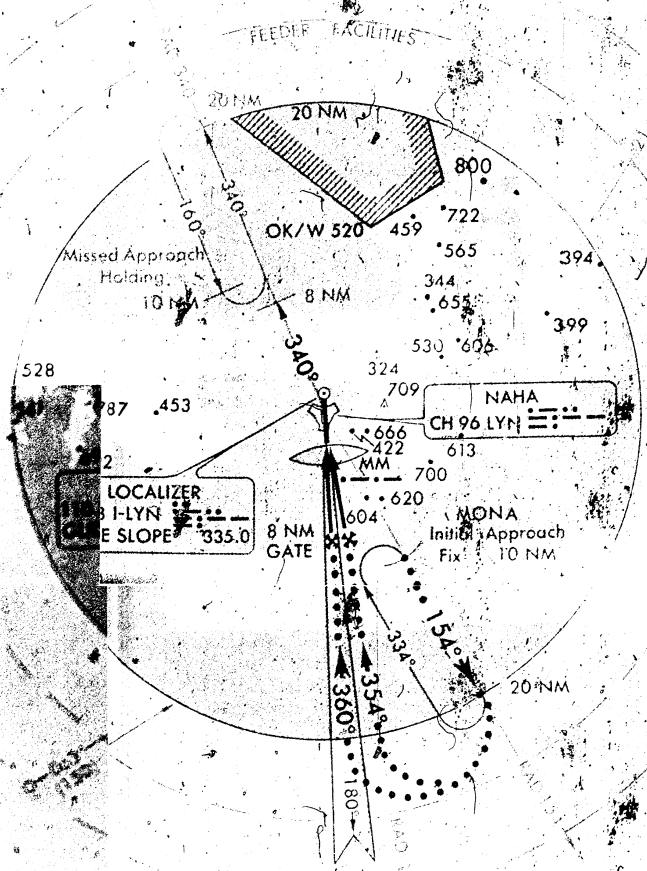
Sanitized Copy Approved for Release 2009/12/17 : CIA-RDP69B00041R001000030001-4

TACAN/ILS-RWY 36-2

JAL 1733 (USAF)

NAHA AB
NAHA, OKINAWA I., RYUKYU IS.

OKINAWA APP CON
255.4 135.9
NAHA TOWER
308.6 236.6
126.2 118.1
GND CON
284.6
PAR/ASR



TA 18,000
EMERG SAFE ALT 100 NM 2700

MIN SAFE ALT 25 NM 2200

MISSED APPROACH
1.7 NM prior to TACAN, left turn climb on RAD 340 to 1600 until 8 NM fix, climb to 2000 and hold.

MONA RAD-154 10 NM

Right turn remain within 25 NM

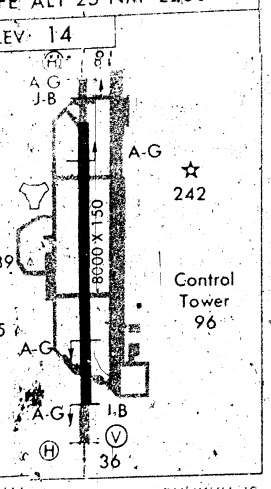
FL 200 154 11,000

TACAN MM 8 NM GATE 354° TACAN 360° ILS 3000

340° 1900 Glide Slope 2.50°

08

FIELD ELEV 14



LANDING MINIMA		
Str-in-ILS	314 MSL	300-1
Str-in-TACAN	500 MSL	500-1
Str-in-LOC	400 MSL	400-1
Circling *	600 MSL	600-1

* Circling to West only

26°11'N-127°39'E

NAHA, OKINAWA I., RYUKYU IS.
NAHA AB

TACAN/ILS-RWY 36-2

NAHA

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25X1
Sanitized Copy Approved for Release 2009/12/17 : CIA-RDP69B00041R001000030001-4

Page Denied

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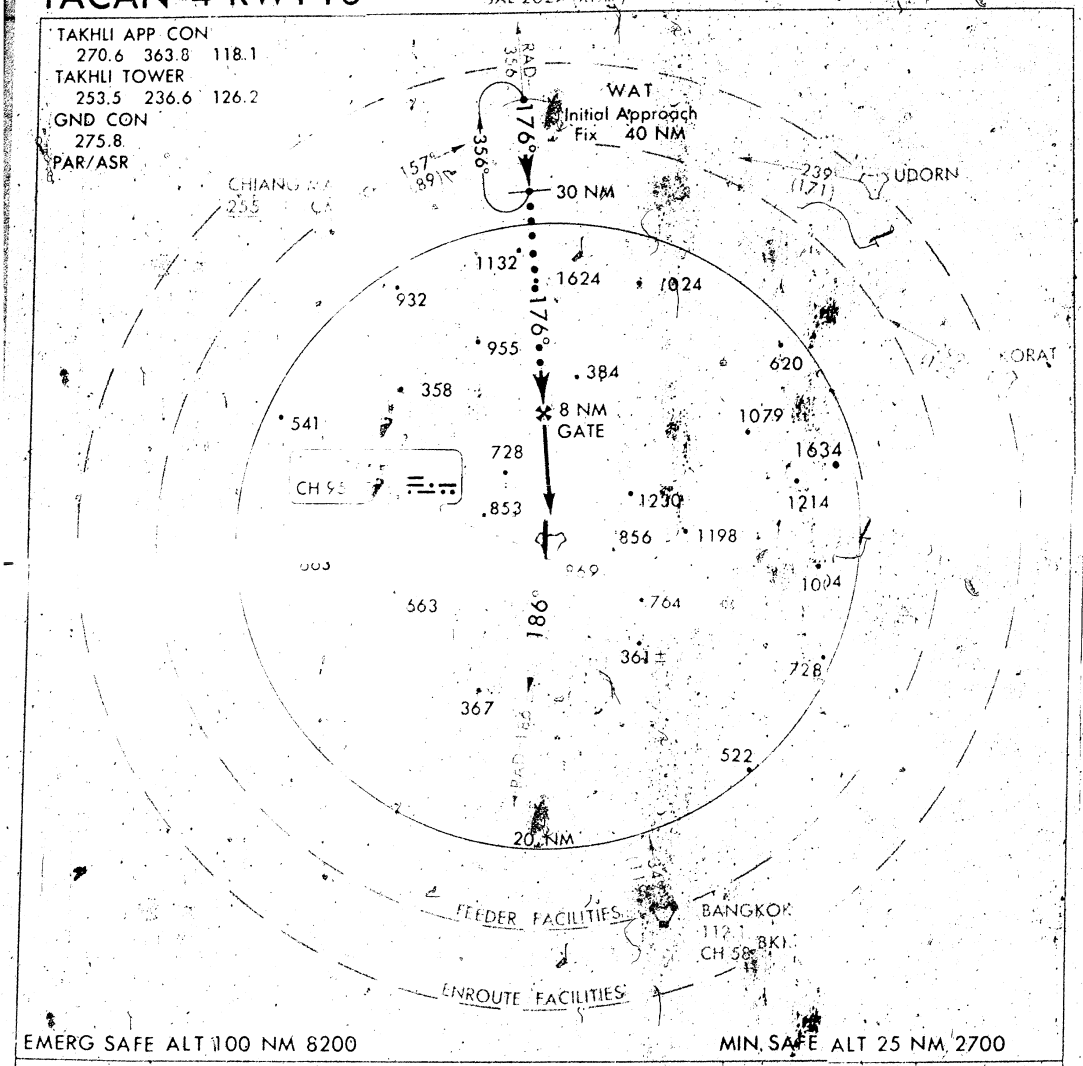
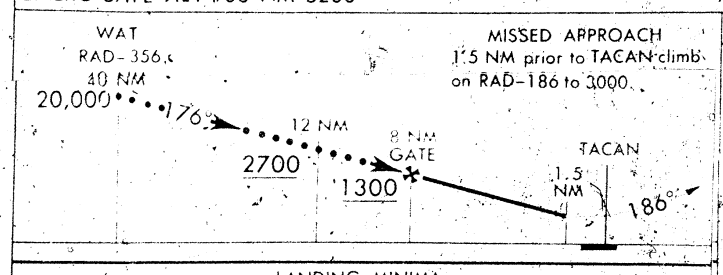
TACAN-4 RWY18

TAKHLI A/D
TAKHLI, THAILAND



EMERG SAFE ALT 100 NM 8200

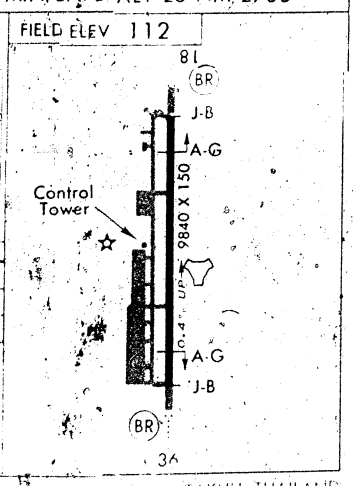
MIN. SAFE ALT 25 NM 2700



MISSED APPROACH
1.5 NM prior to TACAN climb on RAD-186 to 3000.

LANDING MINIMA		
Straight-in	400 MSL	300-1
Circling	NOT AUTHORIZED	

FIELD ELEV 112



TACAN-4 RWY18

15°16'N-100°18'E
195

TAKHLI, THAILAND
TAKHLI A/D

TAKHLI

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Sanitized Copy Approved for Release 2009/12/17 : CIA-RDP69B00041R001000030001-4

TAKHLI

TACAN -2 RWY 36

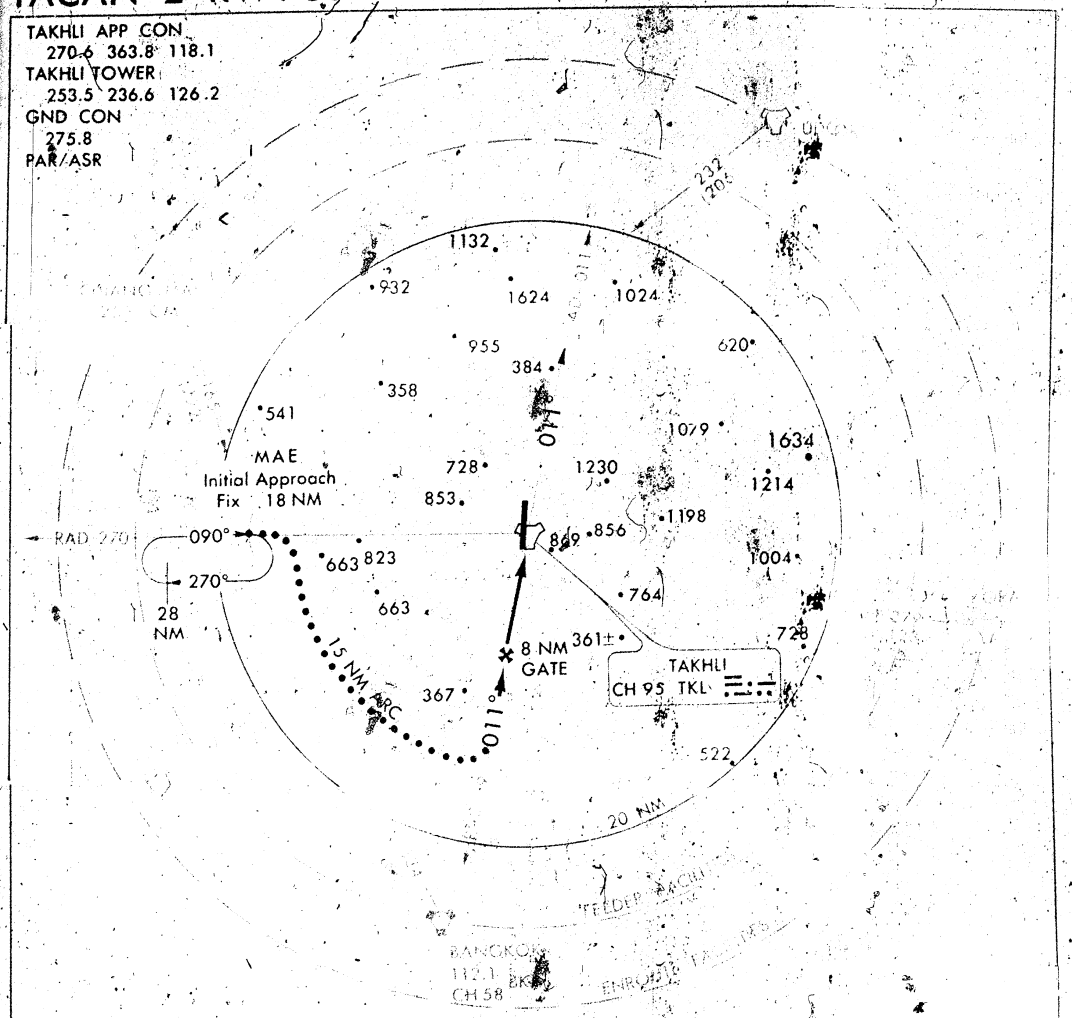
196

JAL-2627 (RTAF)

TAKHLI A/D

TAKHLI, THAILAND

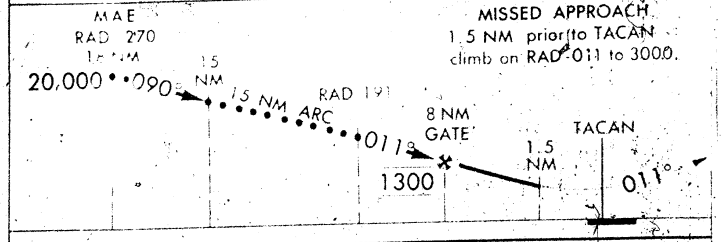
TAKHLI APP CON
270.6 363.8 118.1
TAKHLI TOWER
253.5 236.6 126.2
GND CON
275.8
PAR/ASR



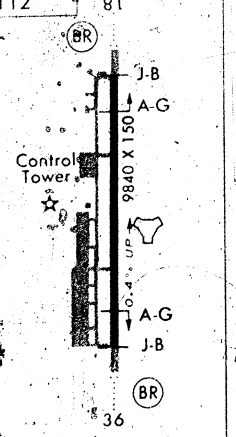
EMERG SAFE ALT 100 NM 8200

MIN SAFE ALT 25 NM 2700

FIELD ELEV 112 81



MISSED APPROACH
1.5 NM prior to TACAN
climb on RAD 011 to 3000.



LANDING MINIMA		
Straight-in	400' MSL	300-1
Circling	NOT AUTHORIZED	

TACAN-2 RWY 36

15 16'N 100 18'E

TAKHLI, THAILAND

TAKHLI A/D

TAKHLI

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Sanitized Copy Approved for Release 2009/12/17 : CIA-RDP69B00041R001000030001-4

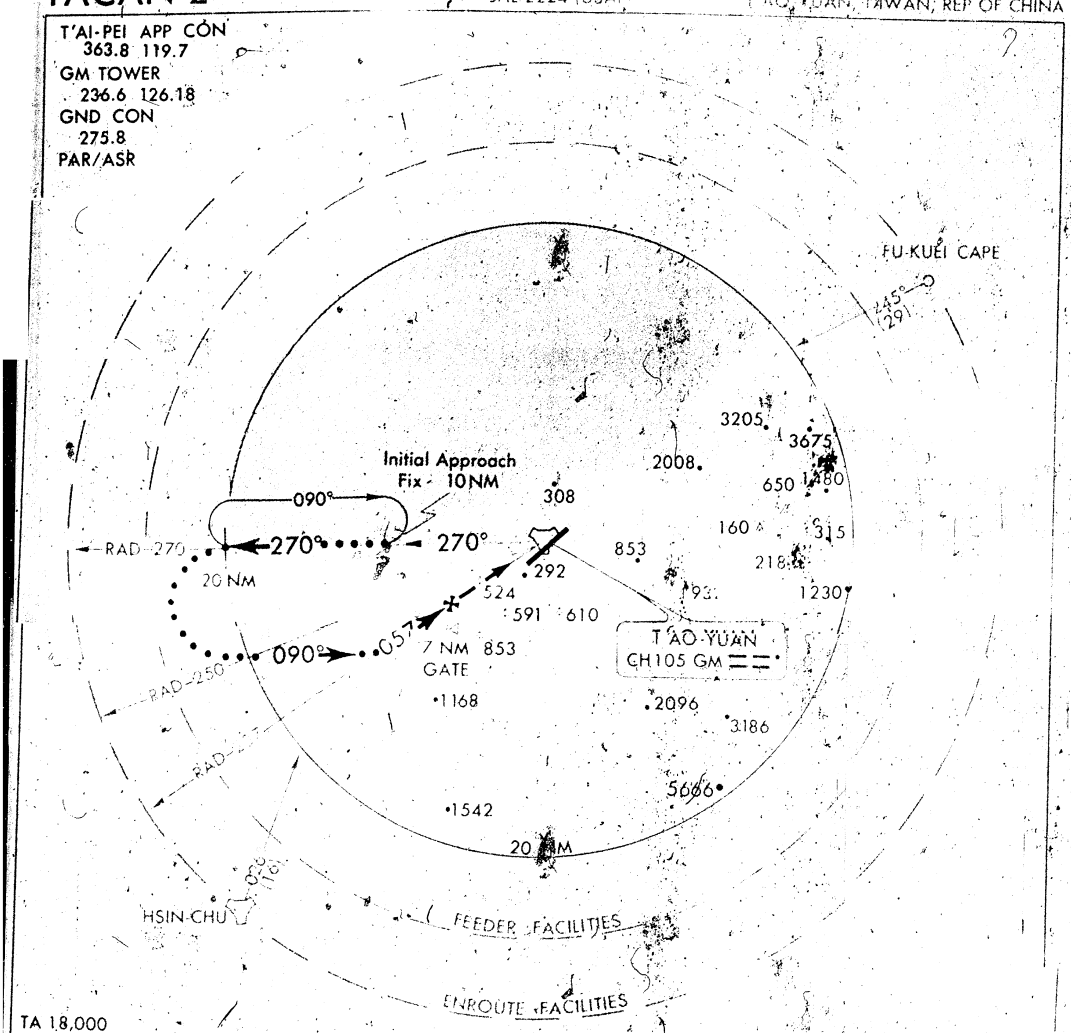
TAOYUAN

TACAN-2

202
JAL 2224 (USAF)

T'AO-YUAN A/D
T'AO-YUAN, TAIWAN, REP OF CHINA

T'AI-PEI APP CON
363.8 119.7
GM TOWER
236.6 126.18
GND CON
275.8
PAR/ASR



TA 18,000
EMERG SAFE ALT 100 NM 15,100

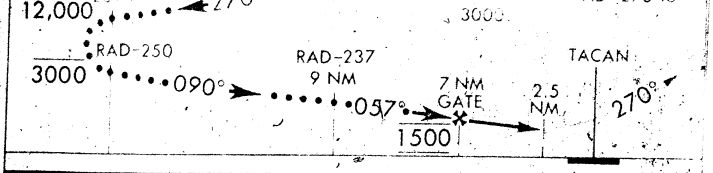
MIN SAFE ALT 25 NM 8000

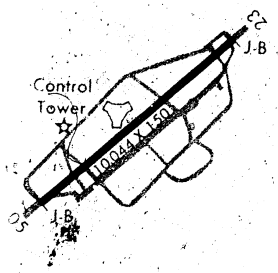
FIELD ELEV 147

Left turn remain. within 25 NM

RAD-270
10 NM

MISSED APPROACH
2.5 NM prior to TACAN left turn climb on RAD-270 to 3000.





LANDING MINIMA		
Straight-in	500 MSL	400-1
Circling *	600 MSL	500-1

* Circling to Northwest only.

TACAN-2

25°03'N-121°14'E

T'AO-YUAN, TAIWAN, REP OF CHINA
T'AO-YUAN A/D

TAOYUAN

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Sanitized Copy Approved for Release 2009/12/17 : CIA-RDP69B00041R001000030001-4

119-00N
119-0
DTG 379NM
ETA +56
ETE +18
TH 234°
MH 234°
FUEL TO CONT
56,900#

TACAN -OFF
AR BCN -OFF
ARC 50 -INT
MIC SEL-OFF
IFF/SIF-OFF

LG 305
230
HGIN CHU
24-49N
120-56E
PO 92
PO 375

POS 28
TAOYUAN
GM 105
GM 400
FK
250

POS 02
EAR
22-40N
124-30E
T.O.+37

ABORT FUEL
11,900#
DTG 87NM

TH 217°
MH 219°

MY
340

POS 01 38
ARCP
24-19N
125-58E
T.O.+21

TH 222°
MH 224°
DTG 156NM

POS 27
NAHA
LYN 96

OK
308

OK
78

KD
335

PACKAGE CHECK
ALT: ABOVE 25.0
Q-BAY: "3"
OPNL CHECK
Q-BAY: "2"
"A" CODE

AFIRS
650

POS 00
26-21N
127-46E

BEFORE TAKEOFF
Q-BAY 2
AR BCN - "ON"
IFF/SIF - "OFF"

AR # 1
CALL SIGN Solid 64/Solid 94
ARCT +21
PRI CH 284.0 (17)
SEC CH 296.0 (18)
ARC 50 CODE 40061/4

Sanitized Copy Approved for Release 2009/12/17 : CIA-RDP69B00041R001000030001-4

Sanitized Copy Approved for Release 2006/12/17 : CIA-RDP86B00041R000100030001-4

DTG 270nm
ETA 2+45
ETE +07
TH 100°
MH 100°
FUEL 39.7 36.5

VM/R2
TH 100°
MH 100°

POS 09
TIME 2+34/+20
DTG 66nm
FUEL 43.0 37.6

KG 407

ENTER DENIED
R-CODE

MIN. PENT. ALT.
78,000

C BAY (3) OFF (C)
START C C
TIME 2+38/+18
DTG 127nm
FUEL 44.4 41.0
ALT 76.4
TH 020°
MH 020°
SIF (OFF)

83 nm

STL 79

DL1

VTN 405

UDON
17-22N
102-48E
UDN 86
UD 236

EWS ON
PL 500

THAILAND ADIZ

POS 30
TAKHLI
TKL 95
TL 284

POS 32
KORAT
KRT 125
KT 230

TO POS 09
21-32N
102-16E
DTG 462nm
ETA 2+34
ETE +20
TH 019°
MH 019°

BANGKOK
13-55N
100-37E
BKK 58
BKK 345

POS 33
U-TAPAO
BUT 45
BT 414

TACAN -OFF
AR BCN -OFF
ARC 50 -INT
MIC SEL-OFF
IFF/SIF-OFF

POS 33
U-TAPAO
BUT 45
BT 414

BANGKOK
13-55N
100-37E
BKK 58
BKK 345

POS 30
TAKHLI
TKL 95
TL 284

TH 019°
MH 019°

FUEL TO CONT
63,500#

Pos 08
END AP
TIME 2+15
ABORT FUEL
UT 13,000#
TAK 9,000#
DTG 125 NM

POS 32
KORAT
KRT 125
KT 230

ARCP TO TAKHLI
161° / 112 NM

Pos 07 39
TIME 1+53/1+16
FUEL 17.9/10.2

VCM
255

17-22N
102-48E
UDN 86
UD 236

VTN 405

EXIT DENIED
R-CODE
DTG 160nm

100°

CR
277

STL 79

LP 379

TACAN -ON
ARC 50 -ON
AR BCN -ON
IFF/SIF-OFF

C BAY(2)
FCS (OFF)
SIF (OFF)

START DESCENT
TIME 1+39/+01
DTG 260nm
FUEL 20.0/12.0

97

TO POS 07 39
17-00N
99-40E
DTG 365nm
ETA 1+53
ETE +18
TH 215°
MH 215°
FUEL 21.7/13.7

A/R # 2
CALL SIGN ONEIL 42/45/47
ARCT 1+53
PRI CH 389.0 (19)
SEC CH 394.0 (20)
ARC 50 CODE 4006/4

Sanitized Copy Approved for Release 2006/12/17 : CIA-RDP86B00041R000100030001-4

CALL SIGN ONEIL 41/45/47
ARCT 1453
PRI CH 389.0 (19)
SEC CH 394.0 (20)
ARC 50 CODE 4006 1/4

ETA	1453
ETE	+18
TH	215°
MH	215°
FUEL	21.7/13.7

TH	215°
MH	215°

TIME	1430/1453
DTG	102nm
FUEL	24/16.2

92

VMR 58

MIN. PENT. ALT. 78,000

ANTHA UNITED
ARCODE
DTG 202nm

AR 26

VMR2

Q BAY (3) OR (C)

TO POS (04)
23-14N
104-33E
DTG 310nm
ETA 1430
ETE +07
TH 321°
MH 321°

POS (05)
TIME 1422/+44
DTG 22nm

77

IB DMZ 244 109

HU HUE 39 69

VIETNAM

Q BAY (C)
DTG 115nm

POS 34
DANANG
DAG 37
SP 295

TO POS (06)
19-05N
108-26E
DTG 136nm
ETA 1428
ETE +04
TH 351°
MH 350°
FUEL 30.8/21.9

DANANG
DAG 37
SP 295

HL E HU
G9 39

IB DMZ
109
244

POS (04)
TIME 1413/+35
DTG 108nm
FUEL 34.0/24.8

PDL

TH 351°
MH 350°

HOW GOES IT
TIME 1407/+29
DTG 300nm
FUEL 37.6/28.0
ALT 76.2
TH 247°
MH 246°

HF FREQ CHANGE

ARCODE BEFORE AND AFTER EACH HF FREQ CHANGE

DTG 500nm

POS 29
CLARK
CKR 99
NS 397

TO POS (04)
15-04N
109-18E
DTG 600nm
ETA 1413
ETE +16
TH 242°
MH 242°

POS (03)
TIME +56/418
DTG 11nm
FUEL 44.0/37

LA 20E
LA 20
BK

START C C
TIME +55/417
DTG 52nm
FUEL 44.8/34.4
ALT 75.2
TH 259°
MH 234°

EMS (ON)
FL 600

KW 415

POS 31
TAINAN
WS 101
NN 235

MA KUNG
23-34N
119-37E
BM 94
BN 209

CHIA-I
23-28N
120-23E
KU 55
KU 365

YU
239

HSIN CHU
24-49N
120-56E
PO 92
PD 375

POS 28
TAOYUAN
GM 105
GM 400

FK
250

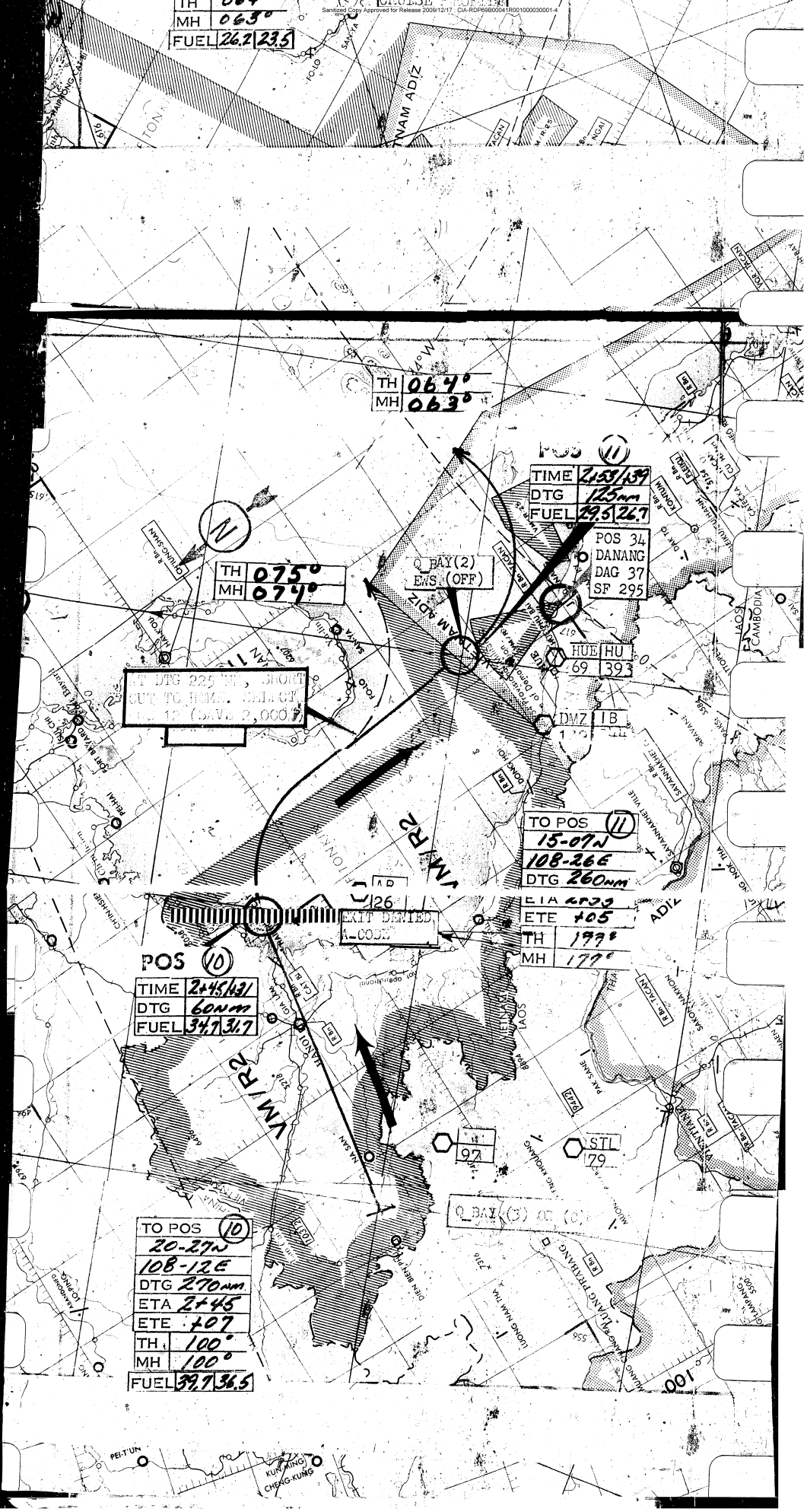
TO POS (03)
19-00N
119-00E
DTG 372nm
ETA +56
ETE +18
TH 234°
MH 234°

FUEL TO CONT
56,900#

TACAN -OFF
AR BCN -OFF
ARC 50 -INT
MIC SEL-OFF
IFF/SIF-OFF

Sanitized Copy Approved for Release 2009/12/17 : CIA-RDP96B00941R001800030001-4

Sanitized Copy Approved for Release 2009/12/17 : CIA-RDP69B00041R001000030001-4



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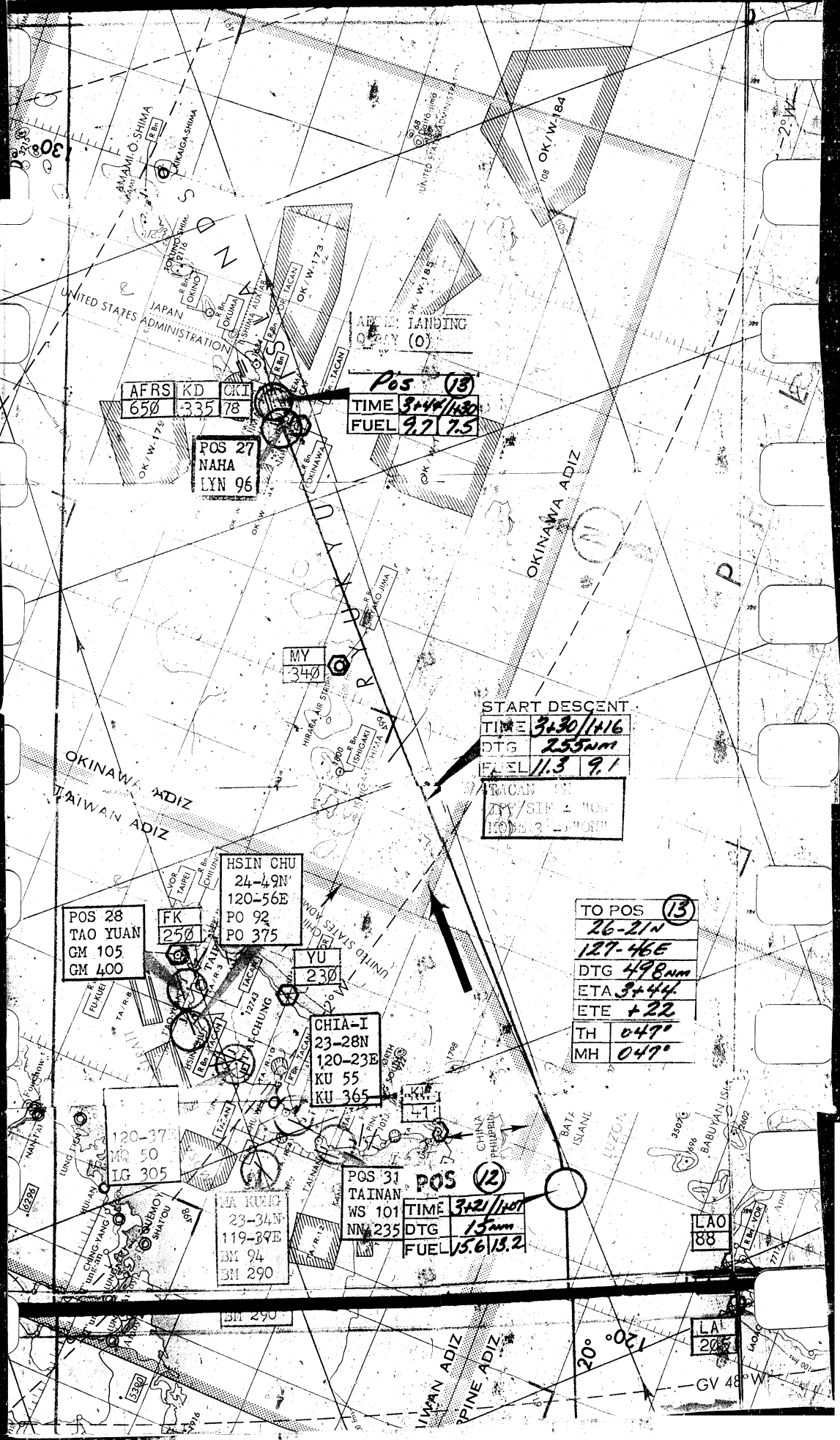

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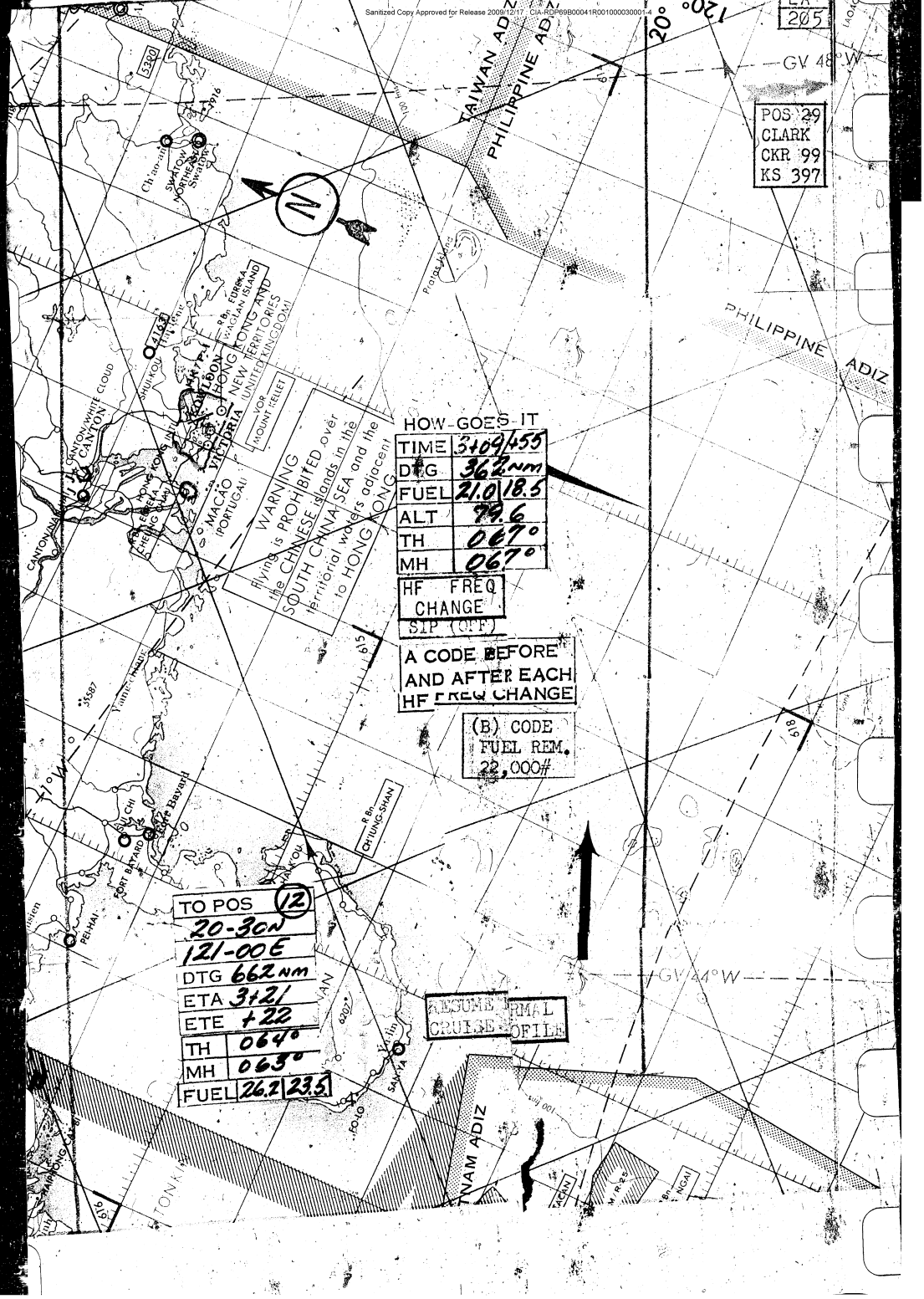

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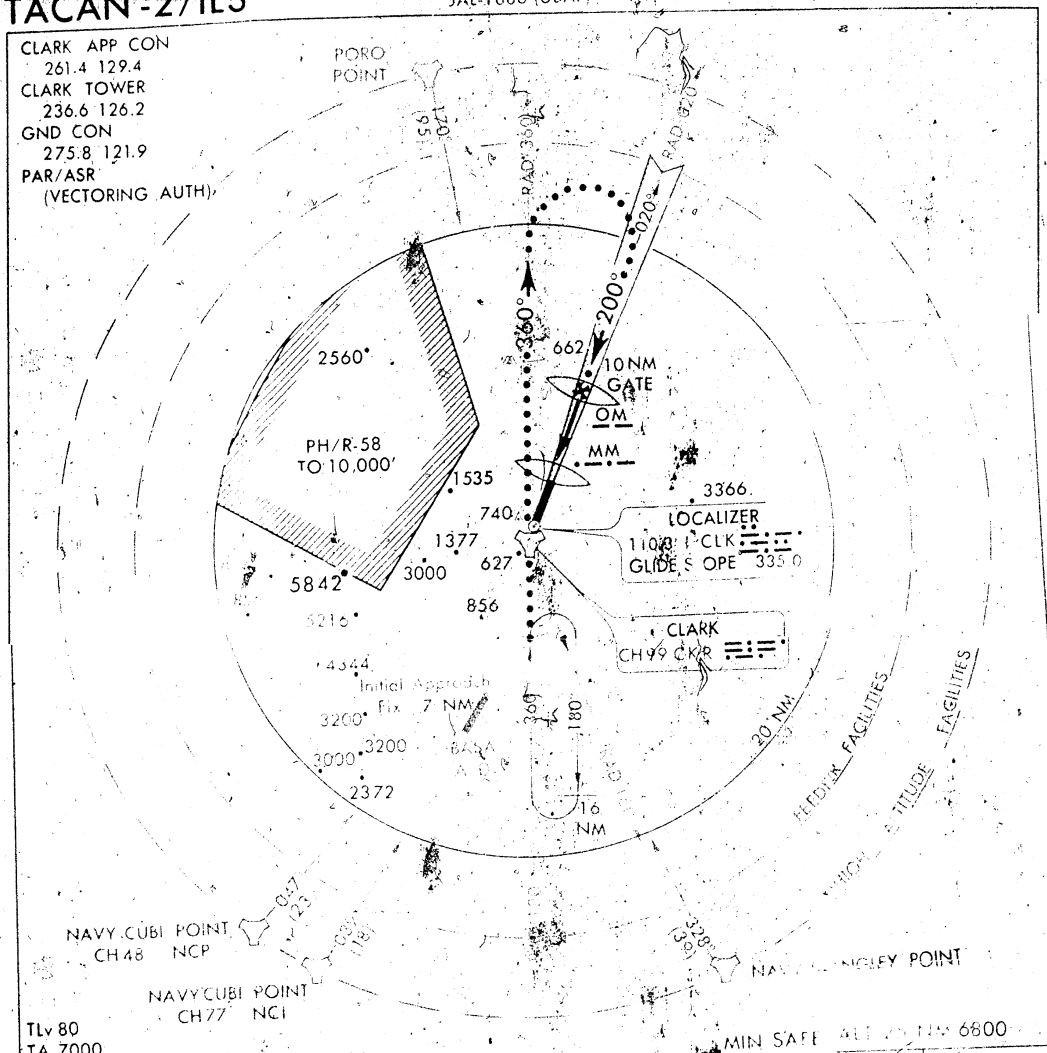
Sanitized Copy Approved for Release 2009/12/17 : CIA-RDP69B00041R001000030001-4

TACAN-2/ILS

JAL-1880 (USAF)

CLARK APP CON
261.4 129.4
CLARK TOWER
236.6 126.2
GND CON
275.8 121.9
PAR/ASR
(VECTORING AUTH)



TLv 80
TA 7000
EMERG SAFE ALT 100 NM 11,600

MIN SAFE ALT 20 NM 6800
FIELD ELEV 475

RAD-180
7 NM
FL200 360°

TACAN

RAD-360
8 NM
360°

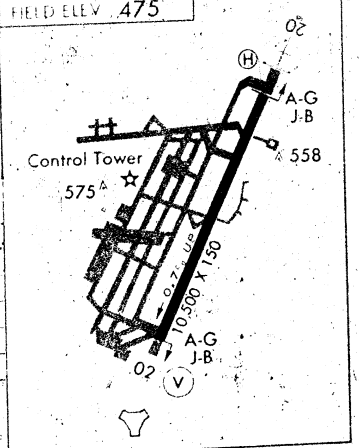
Right turn remain within 25 NM
FL110

MISSED APPROACH
2.5 NM prior to TACAN, climb on RAD 160 to 5000 within 15 NM.

10 NM GATE
MM OM
2300
Glide Slope 50
1.2 5.7 NM
160°

	LANDING MINIMA	
Str-in-ILS	700 MSL	200-½
Str-in-TACAN	900 MSL	400-1
Circling *	1000 MSL	500-1
Str-in-LOC	800 MSL	300-1

*Circling to East only.



15°11'N-120°33'E

CLARK

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Sanitized Copy Approved for Release 2009/12/17 : CIA-RDP69B00041R001000030001-4

CLARK

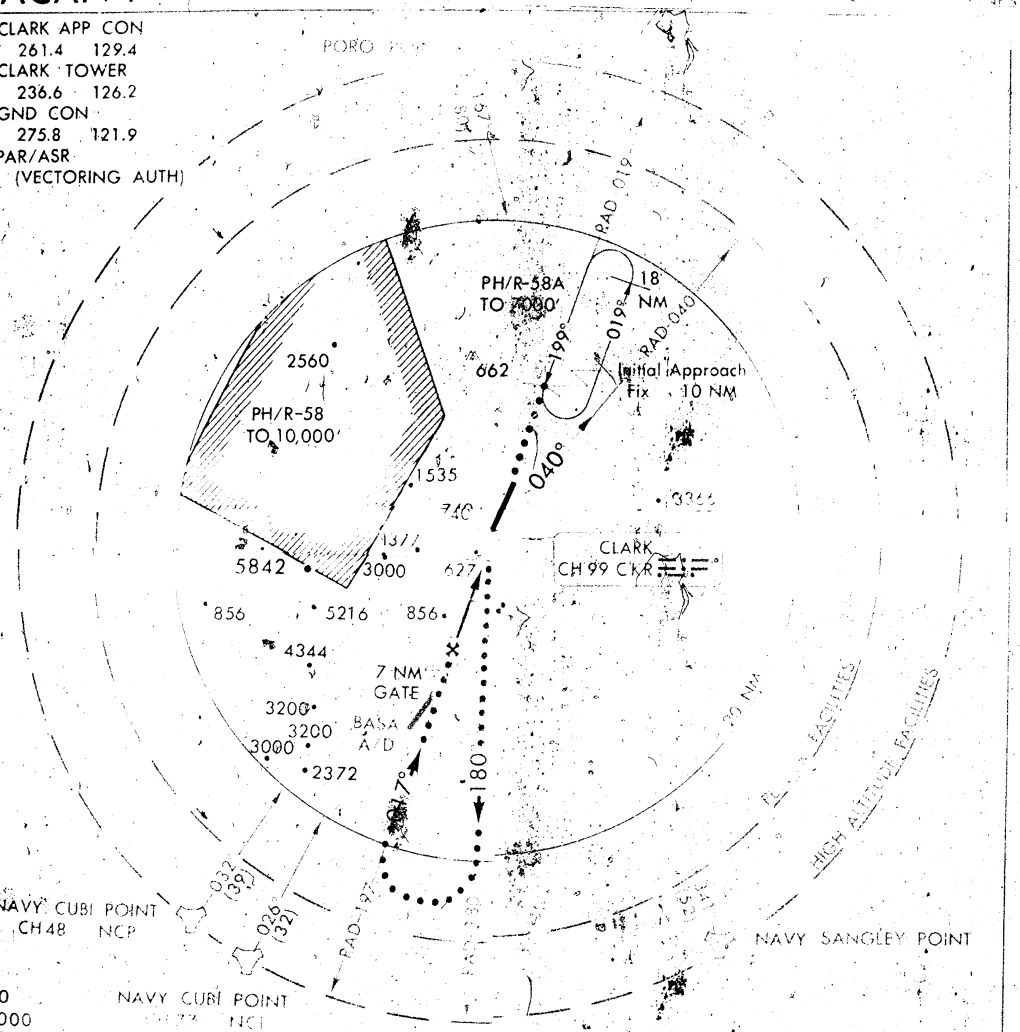
JAL-1880 USAF

LUZON I., REP. OF THE PHILIPPINES

CLARK AB

TACAN-1

CLARK APP CON
261.4 129.4
CLARK TOWER
236.6 126.2
GND CON
275.8 121.9
PAR/ASR
(VECTORING AUTH)



TLv 80
TA 7000
NAVY CUBI POINT
EMERG SAFE ALT 100 NM 11,600

MIN SAFE ALT 25 NM 6800.

Right turn remain within 25 NM

RAD 080
6 NM

TACAN

RAD 019
10 NM

FL110

180°

199°

FL 200

MISSED APPROACH.
0.5 NM after TACAN climb on RAD-040 to 5000 within 15 NM

8000

017°

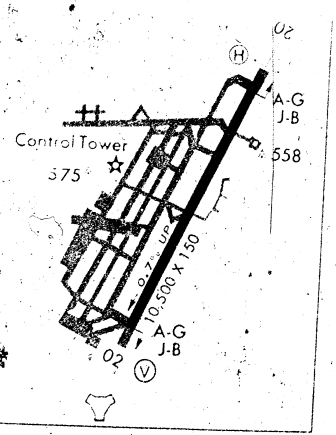
2300

RAD-197
7 NM
GATE

0.5 NM

040°

0.5



LANDING MINIMA		
Straight-in	1000 MSL	500-1
Circling *		

* Circling to East only.

TACAN to Missed Approach 0.5 NM

Knots	120	140	160	180	200
Min : Sec	0:15	0:13	0:12	0:10	0:09

TACAN-1

15°11'N–120°33'E

LUZON I., REP. OF THE PHILIPPINES

CLARK AB

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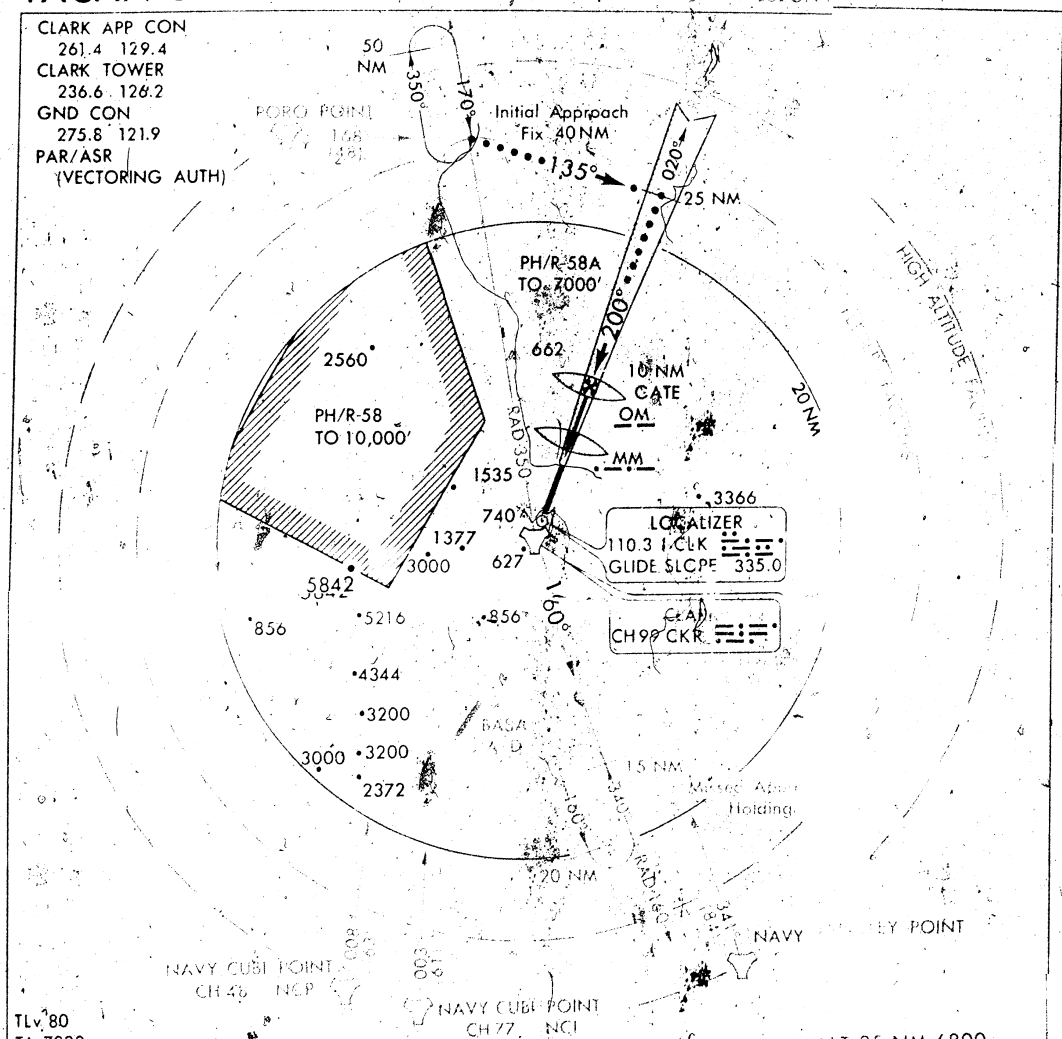
TACAN-3/ILS

CLARK AB

LUZON I. REP. OF THE PHILIPPINES

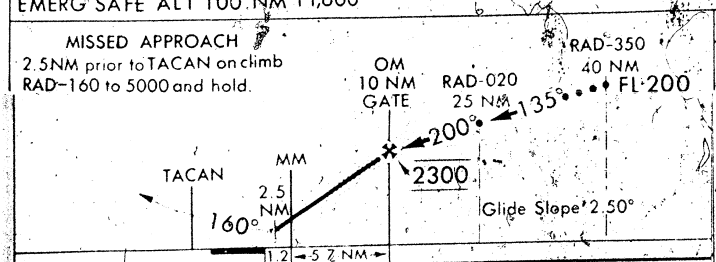
CLARK APP CON
261.4 129.4
CLARK TOWER
236.6 126.2
GND CON
275.8 121.9
PAR/ASR
(VECTORING AUTH)



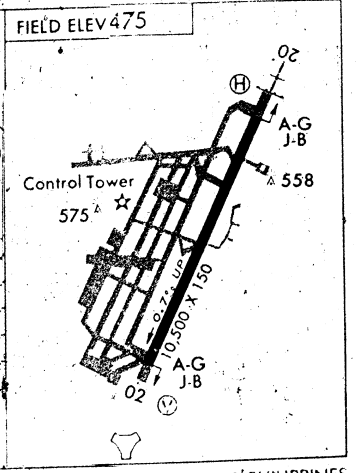
TLv 80
TA 7000
EMERG SAFE ALT 100 NM 11,600

MIN. SAFE ALT 25 NM 6800

MISSED APPROACH
2.5NM prior to TACAN on climb
RAD-160 to 5000 and hold.



FIELD ELEV 475



LANDING MINIMA		
Str-in-ILS	700 MSL	200-½
Str-in-TACAN	900 MSL	400-1
Circling ✲	1000 MSL	500-1
Str-in-LOC	800 MSL	300-1

✲ Circling to East only.

15°11'N–120°33'E

LUZON I. REP. OF THE PHILIPPINES

CLARK AB

TACAN-3/ILS

CLARK

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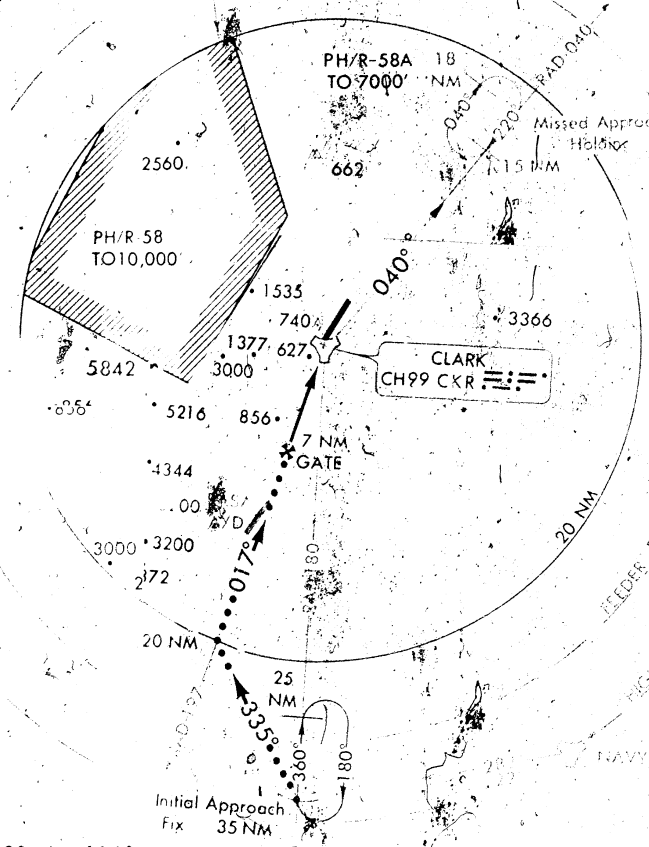
Sanitized Copy Approved for Release 2009/12/17 : CIA-RDP69B00041R001000030001-4

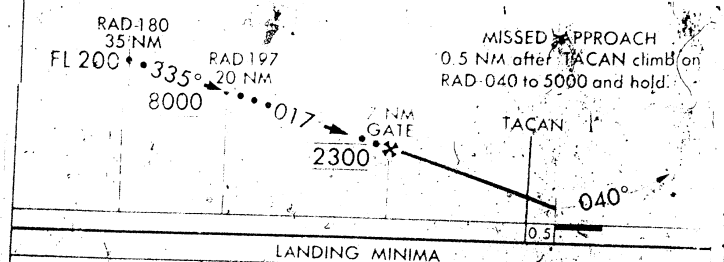
TACAN-4

CLARK APP CON
363.8 134.1
CLARK TOWER
236.6 126.2
GND CON
275.8 121.9
PAR/ASR
(VECTORING AUTH)

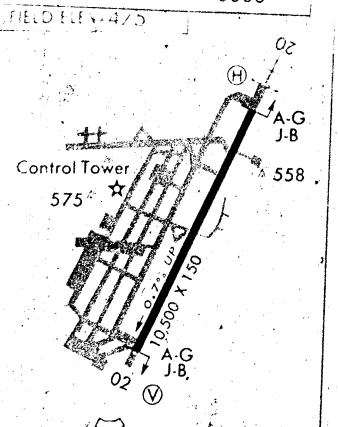


TLv 80
TA 7000
EMERG SAFE ALT 100 NM 1160

MIN SAFE ALT 25 NM 6800



MISSED APPROACH
0.5 NM after TACAN climb on RAD-040 to 5000 and hold.



LANDING MINIMA		
Straight-in	1000 MSL	500-1
Circling*		

* Circling to East only.

TACAN to Missed Approach 0.5 NM

Knots	120	140	160	180	200
Min : Sec	0:15	0:13	0:12	0:10	0:09

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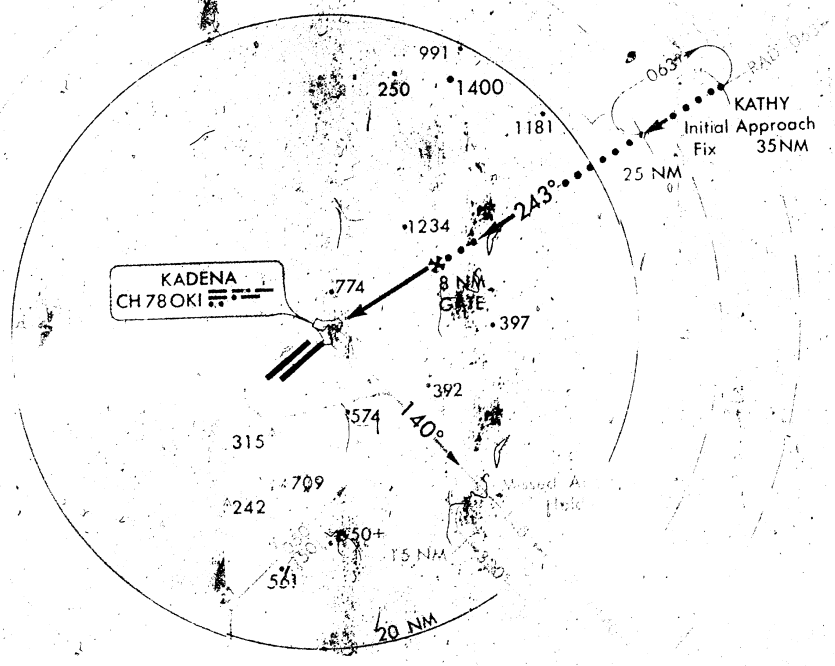
KADENA

KADENA AB
RYUKYU ISLANDS

TACAN-2 RWY 23

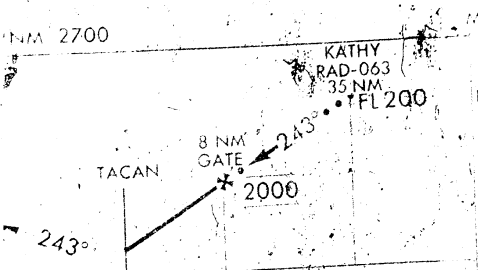
JAD1457 (USAF) KADENA, OKINAWA

OKINAWA APP CON
255.4 135.9
KADENA TOWER
315.8 236.6 126.2
GND CON
275.8
PAR/ASR



TA 18,000
EMERG SAFE ALT 100 NM 2700

MISSED APPROACH
At TACAN climb on 243 to 2000. At 5.0 NM after TACAN left turn to intercept RAD-140 and hold.

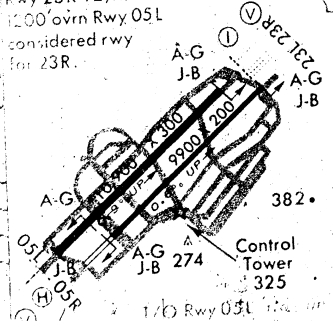


LANDING MINIMA		
Straight-in	600 MSL	500-1
Circling ✲	800 MSL	700-1

✲Circling to East only.

MIN SAFE ALT 25 NM 2600
FIELD ELEV 142

Rwy 23R 12,100' aval.
1,100' ovrn Rwy 05L
considered rwy for 23R.



T/D Rwy 05L
T/D Rwy 05R

CAUTION:
Construction on twys.

26°21'N–127°46'E
99

KADENA, OKINAWA I., RYUKYU ISLANDS
KADENA AB

TACAN-2 RWY 23

KADENA

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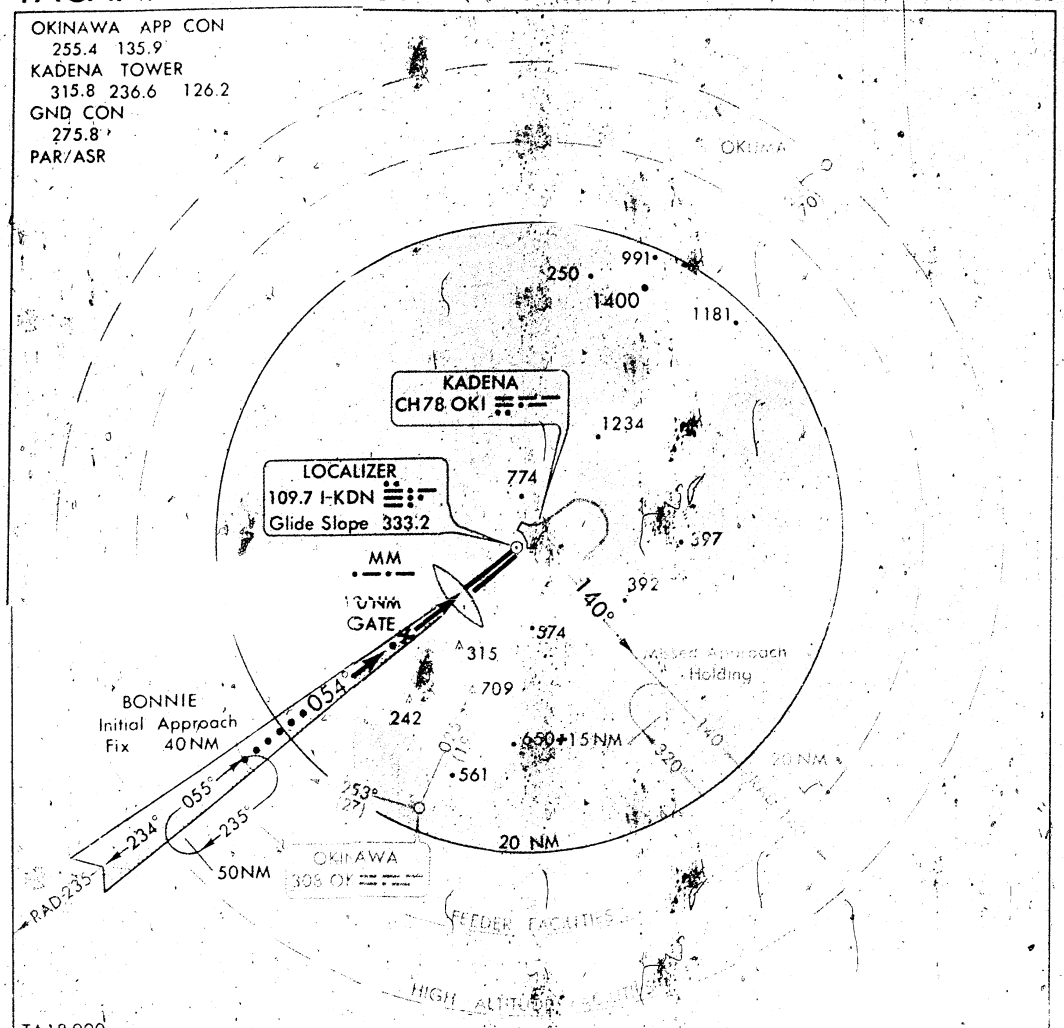
TACAN/ILS-2 RWY 05

100
JAL-1457 (USAF)

KADENA AB
KADENA, OKINAWA I., RYUKYU ISLANDS

OKINAWA APP CON
255.4 135.9
KADENA TOWER
315.8 236.6 126.2
GND CON
275.8
PAR/ASR

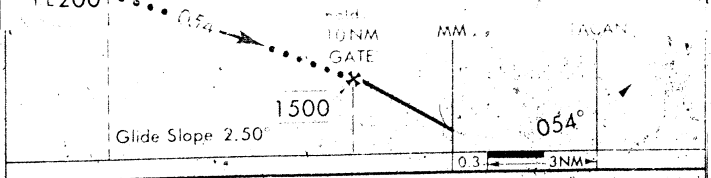


TA 18,000
EMERG SAFE ALT 100 NM 270

MIN SAFE

BONNIE
RAD-235
40 NM

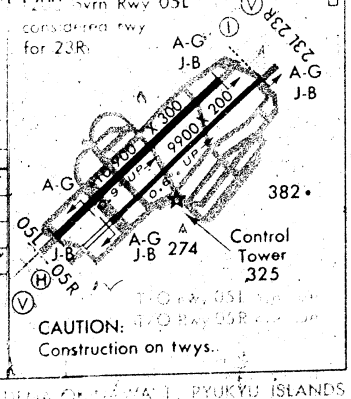
FL200



MISSED APPROACH
At Min Alt climb on 054° to 2000. 2.0NM after "OKI" TACAN right turn intercept RAD-140 and hold

FIELD ELEV 142

• Rwy 23R 12,100 aval. 1200' avrn Rwy 05L considered twy for 23R



CAUTION:
Construction on twys.

LANDING MINIMA		
Str-in-ILS	342 MSL	200-½ or RVR 24
Str-in-TACAN	400 MSL	300-1
✲ Circling	800 MSL	700-1

✲Circling to East only.

TACAN/ILS-2 RWY 05

26°21'N-127°46'E

KADENA, OKINAWA I., RYUKYU ISLANDS
KADENA AB

KADENA

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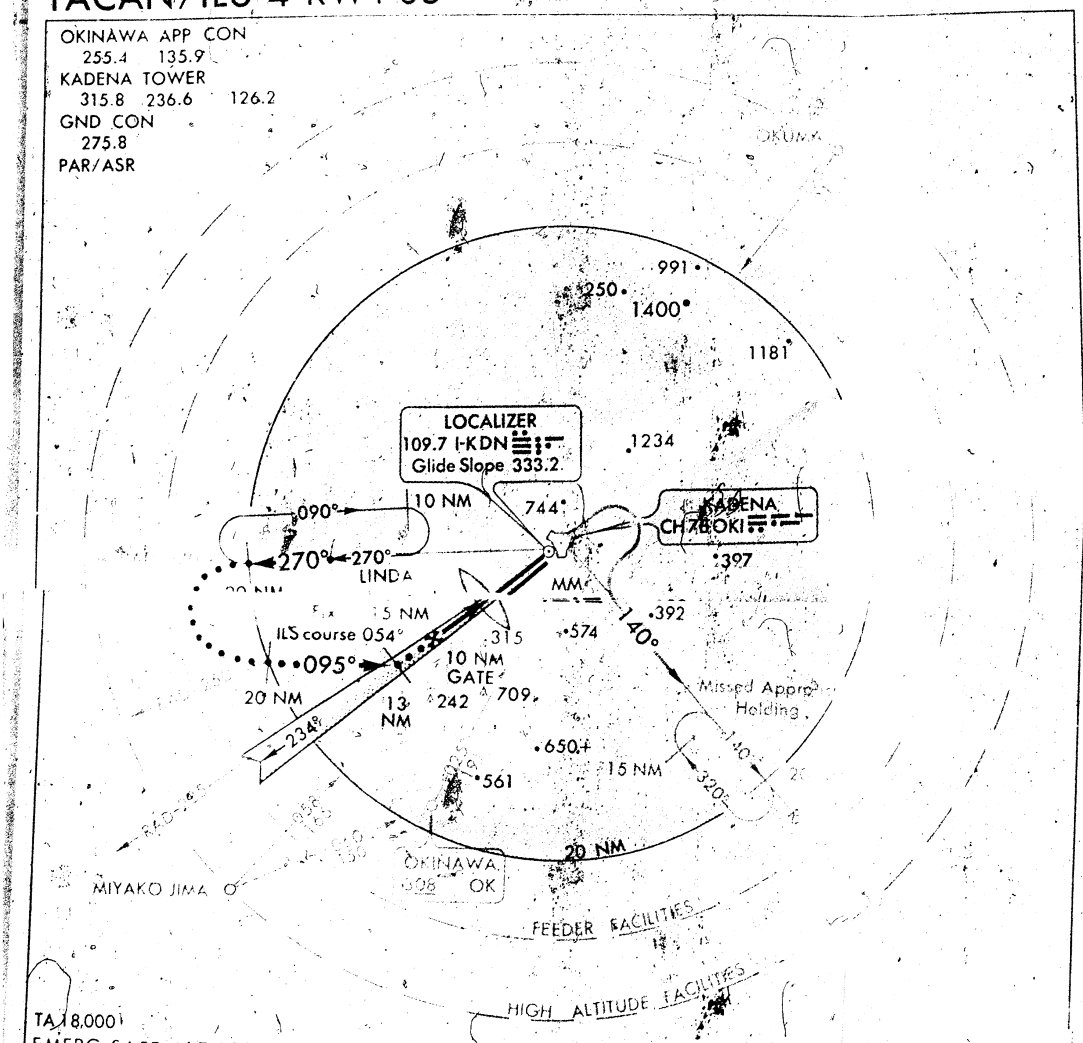
TACAN/ILS-4 RWY 05

KADENA AB
RYUKYU ISLANDS

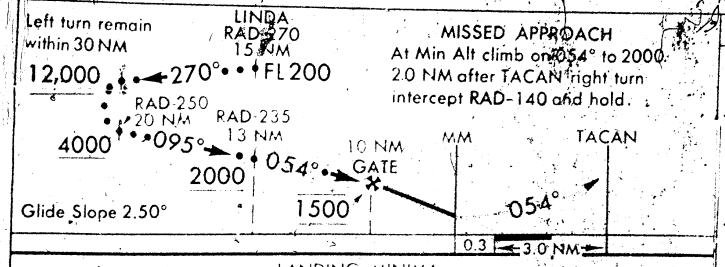
OKINAWA APP CON
255.4 135.9
KADENA TOWER
315.8 236.6 126.2
GND CON
275.8
PAR/ASR



TA 18,000
EMERG SAFE ALT 100 NM 2700

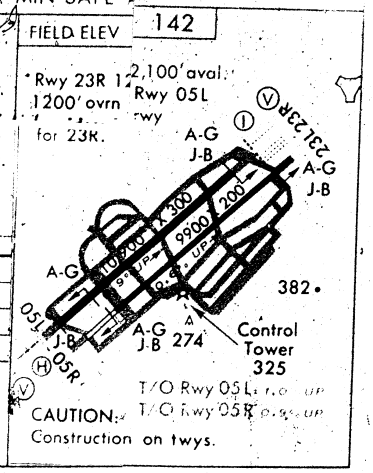
MIN SAFE ALT 25 NM 2600

Left turn remain within 30 NM



MISSED APPROACH
At Min Alt climb on 054° to 2000. 2.0 NM after TACAN right turn intercept RAD-140 and hold.

FIELD ELEV 142



LANDING MINIMA		
Str-in-ILS	342 MSL	2000 or RVR 24
Str-in-TACAN	400 MSL	300-1
* Circling	800 MSL	700-1

* Circling to East only.

TACAN/ILS-4 RWY 05 26°21'N–127°46'E KADENA, OKINAWA I., RYUKYU ISLANDS
101 KADENA AB

KADENA

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NAHA

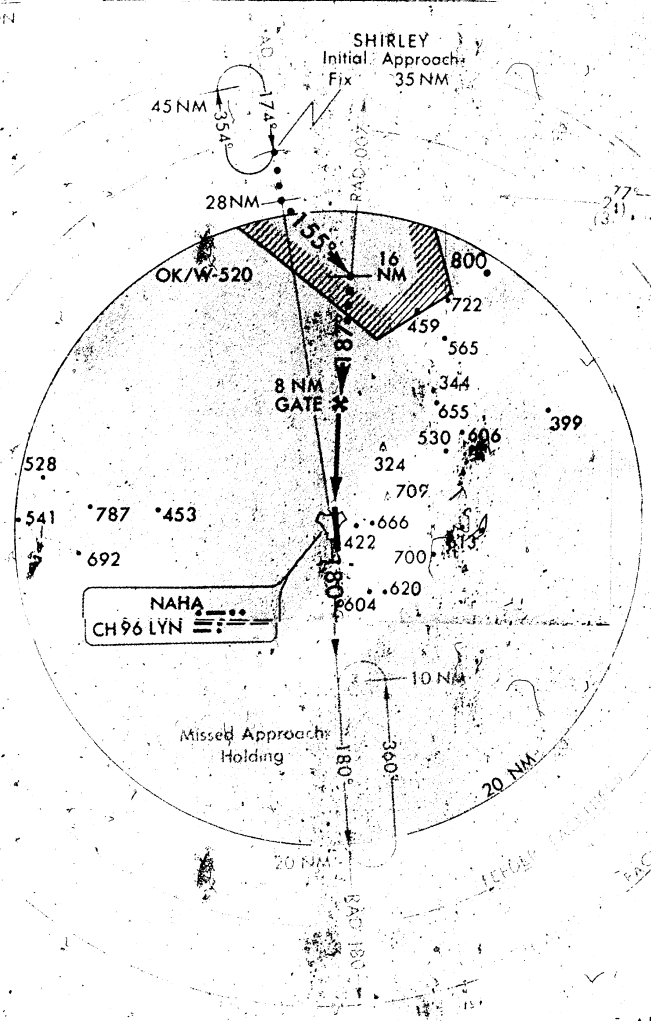
TACAN-RWY 18

1,56

NAHA AB

NAHA, OKINAWA I., RYUKYU IS.

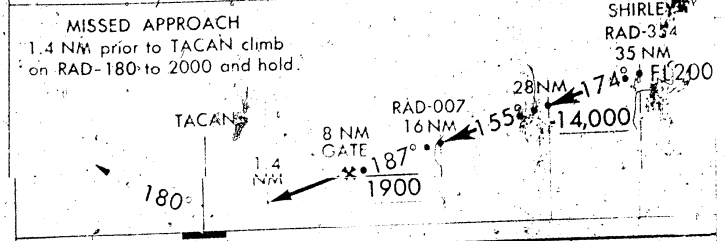
OKINAWA APP CON
255.4 135.9
NAHA TOWER
308.6 236.6
126.2 118.1
GND CON
284.6
PAR/ASR



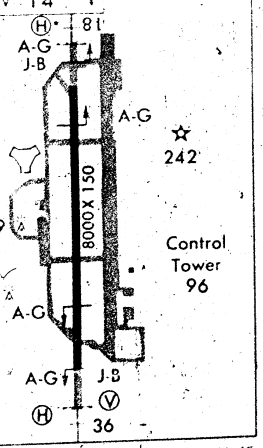
TA 18,000
EMERG SAFE ALT 100 NM 2700

MIN SAFE ALT 25 NM 2200

MISSED APPROACH
1.4 NM prior to TACAN climb on RAD-180 to 2000 and hold.



FIELD ELEV 14



LANDING MINIMA		
Straight-in	400 MSL	400-1
Circling *	600 MSL	600-1

* Circling to West only

26°11'N-127°39'E

NAHA, OKINAWA I., RYUKYU IS.

NAHA AB

TACAN-RWY18

NAHA

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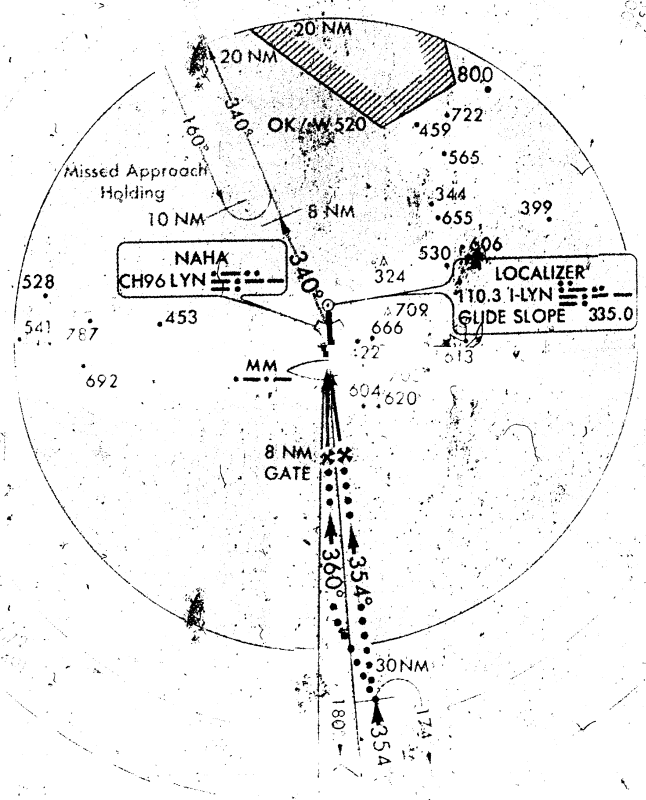
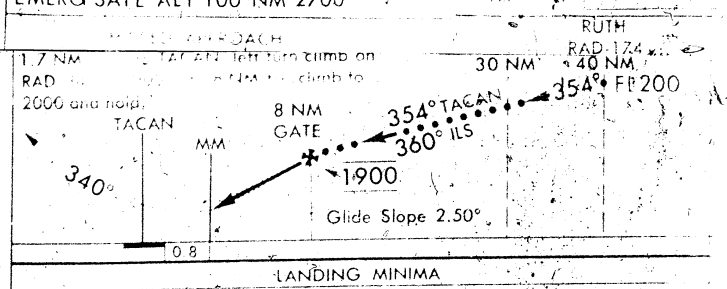
TACAN/ILS RWY 36-1

NAHA AB
OKINAWA I., RYUKYU IS.

OKINAWA APP CON
255.4 135.9
NAHA TOWER
308.6 236.6
126.2 118.1
GND CON
284.6
PAR/ASR

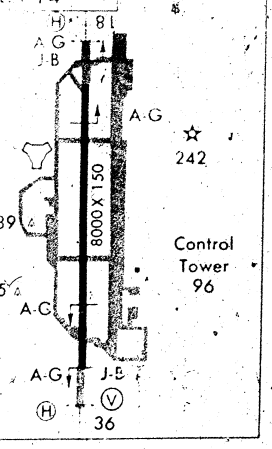


TA 18,000
EMERG SAFE ALT 100 NM 2700
MIN SAFE ALT 25 NM 2200



LANDING MINIMA		
Str-in-ILS	314 MSL	300-1
Str-in-TACAN	500 MSL	500-1
Circling*	600 MSL	600-1
Str-in-LOC	400 MSL	400-1

*Circling to West only.



TACAN/ILS RWY 36-1 26°11'N-127°39'E NAHA, OKINAWA I., RYUKYU IS.
157 NAHA AB

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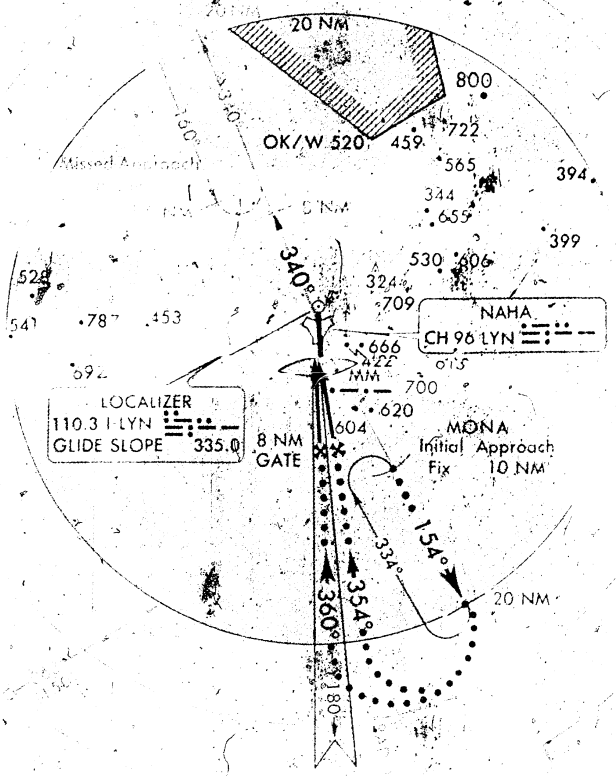
TACAN/ILS-RWY 36-2

NAHA AB

OKINAWA I., RYUKYU IS.

OKINAWA APP CON
255.4 135.9
NAHA TOWER
308.6 236.6
126.2 118.1
GND CON
284.6
PAR/ASR



TA 18,000
EMERG SAFE ALT 100 NM 2700

MIN SAFE ALT 25 NM 2200

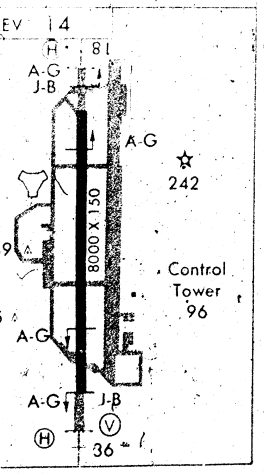
MISSED APPROACH
1.7 NM prior to TACAN, left turn climb on RAD 340 to 1000 until 8 NM fix, climb to 7000 and hold.

MONA
RAD-154
10 NM

Right turn reentry within 25 NM

FL200
154°
11,000
354° TACAN
360° ILS
3000
GATE
340°
1900
Glide Slope 2.50°

FIELD ELEV 14



LANDING MINIMA		
Str-in-ILS	314 MSL	300-1
Str-in-TACAN	500 MSL	500-1
Str-in-LOC	400 MSL	400-1
Circling *	600 MSL	600-1

*Circling to West only

TACAN/ILS-RWY 36-2 26°11'N-127°39'E

NAHA, OKINAWA I., RYUKYU IS.
NAHA AB

NAHA

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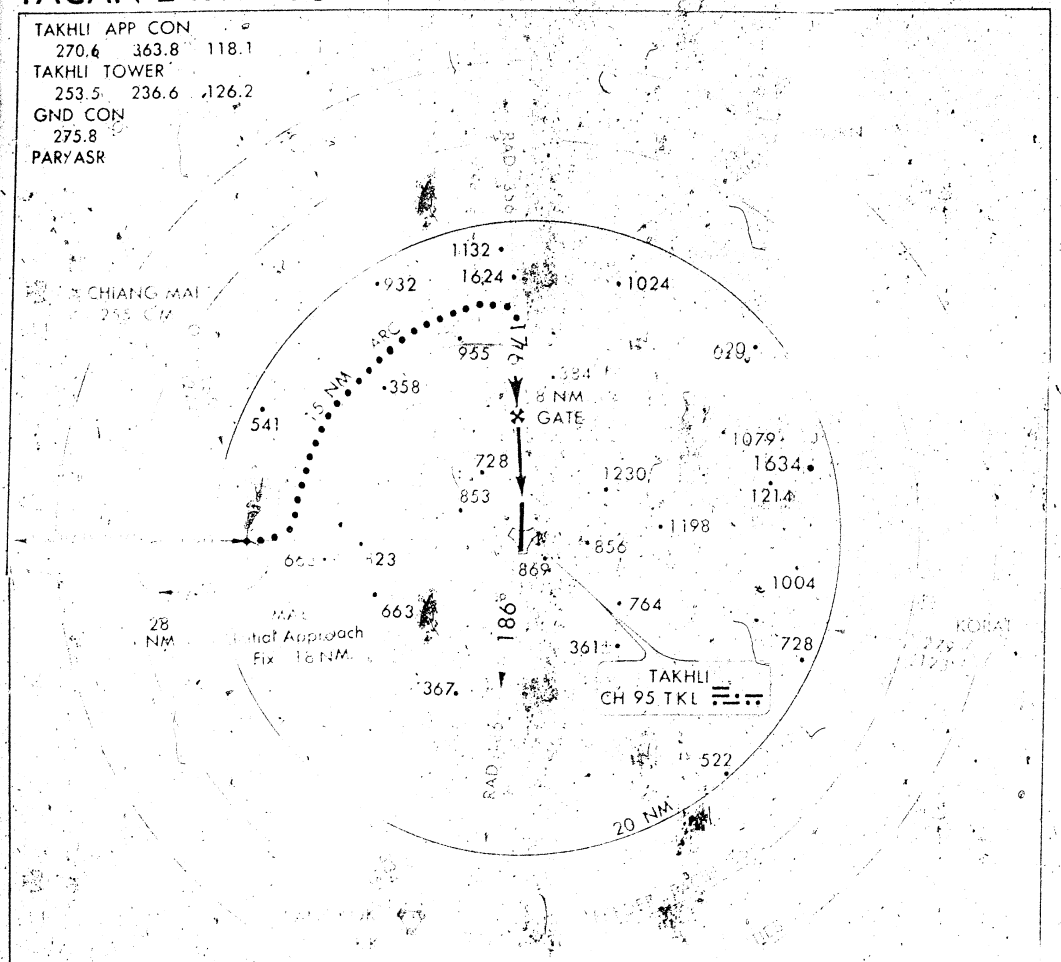
TACAN-2 RWY 18

TAKHLI A/D
TAKHLI, THAILAND

TAKHLI APP CON
270.6 363.8 118.1
TAKHLI TOWER
253.5 236.6 126.2
GND CON
275.8
PARY ASR

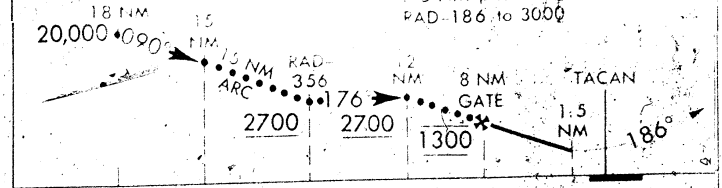


EMERG SAFE ALT 100 NM 8200

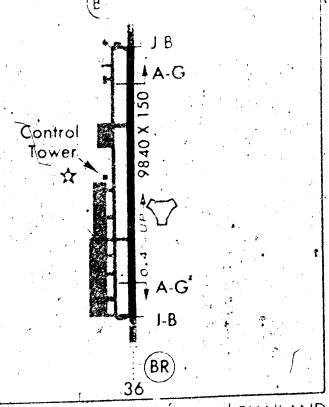
MIN SAFE ALT 25 NM 2700

MAE
RAD- 270
18 NM
20,000

MISSED APPROACH
1.5 NM prior to TACAN climb on
RAD 186 to 3000



FIELD ELEV 112



LANDING MINIMA		
Straight-in	400 MSL	300-1
Circling	NOT AUTHORIZED	

TAKHLI, THAILAND

TACAN-2 RWY 18

15°16'N-100°18'E

TAKHLI A/D

TAKHLI

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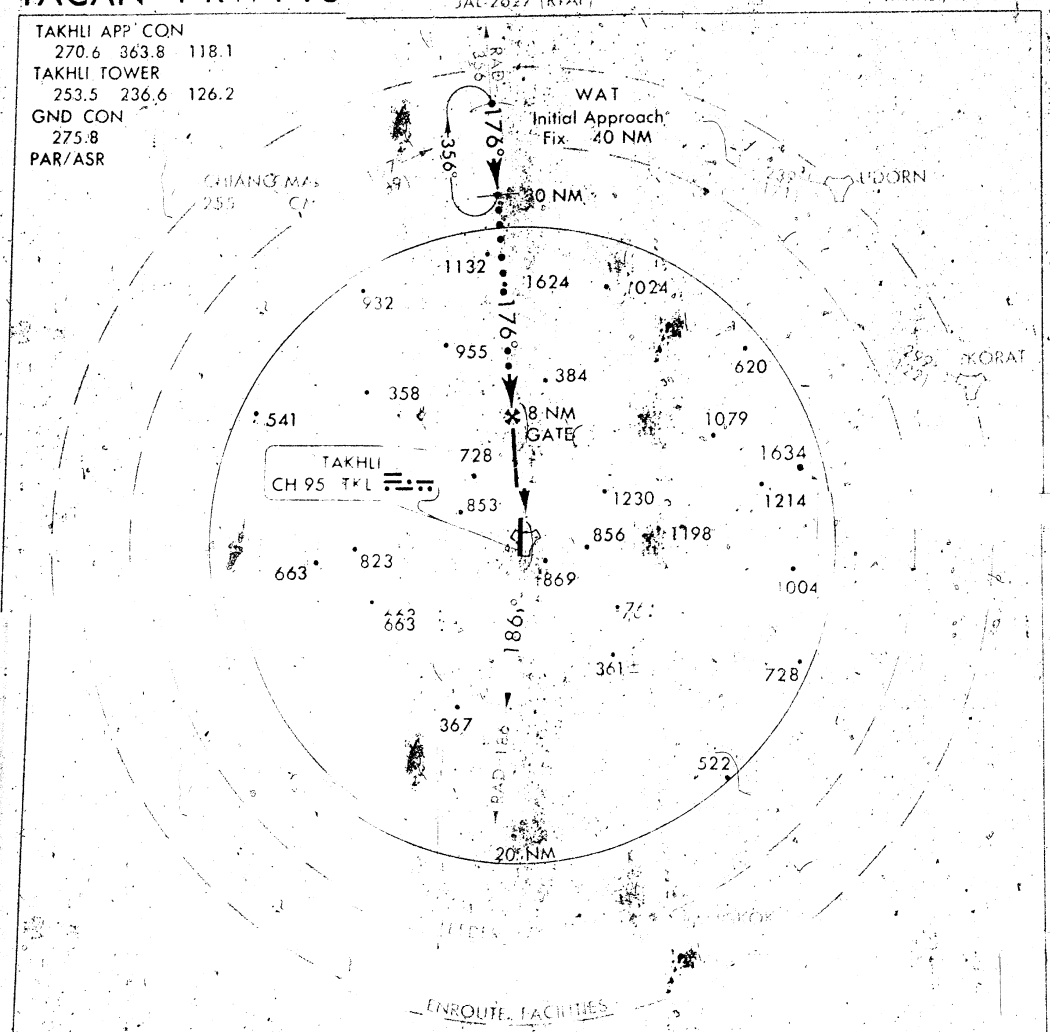
TAKHLI

TACAN-4 RWY18

TAKHLI A/D
TAKHLI, THAILAND

JAL-2627 (RTAF)

TAKHLI APP CON
270.6 363.8 118.1
TAKHLI TOWER
253.5 236.6 126.2
GND CON
275.8
PAR/ASR



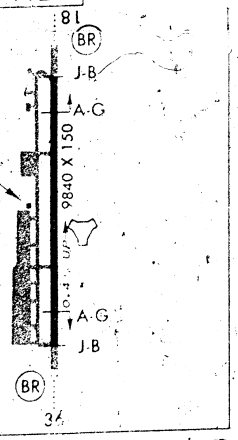
EMERG SAFE ALT 100 NM 8200

MIN SAFE ALT 25 NM 2700

WAT
RAD-356
40 NM
20,000
176°
12 NM
2700
8 NM
GATE
1300
TACAN
1.5 NM
186°

MISSED APPROACH
1.5 NM prior to TACAN climb
on RAD-186 to 3000.

FIELD ELEV 112



LANDING MINIMA		
Straight-in	400 MSL	300-1
Circling	NOT AUTHORIZED	

TACAN-4 RWY18

15°16'N-100°18'E

TAKHLI, THAILAND
TAKHLI A/D

TAKHLI

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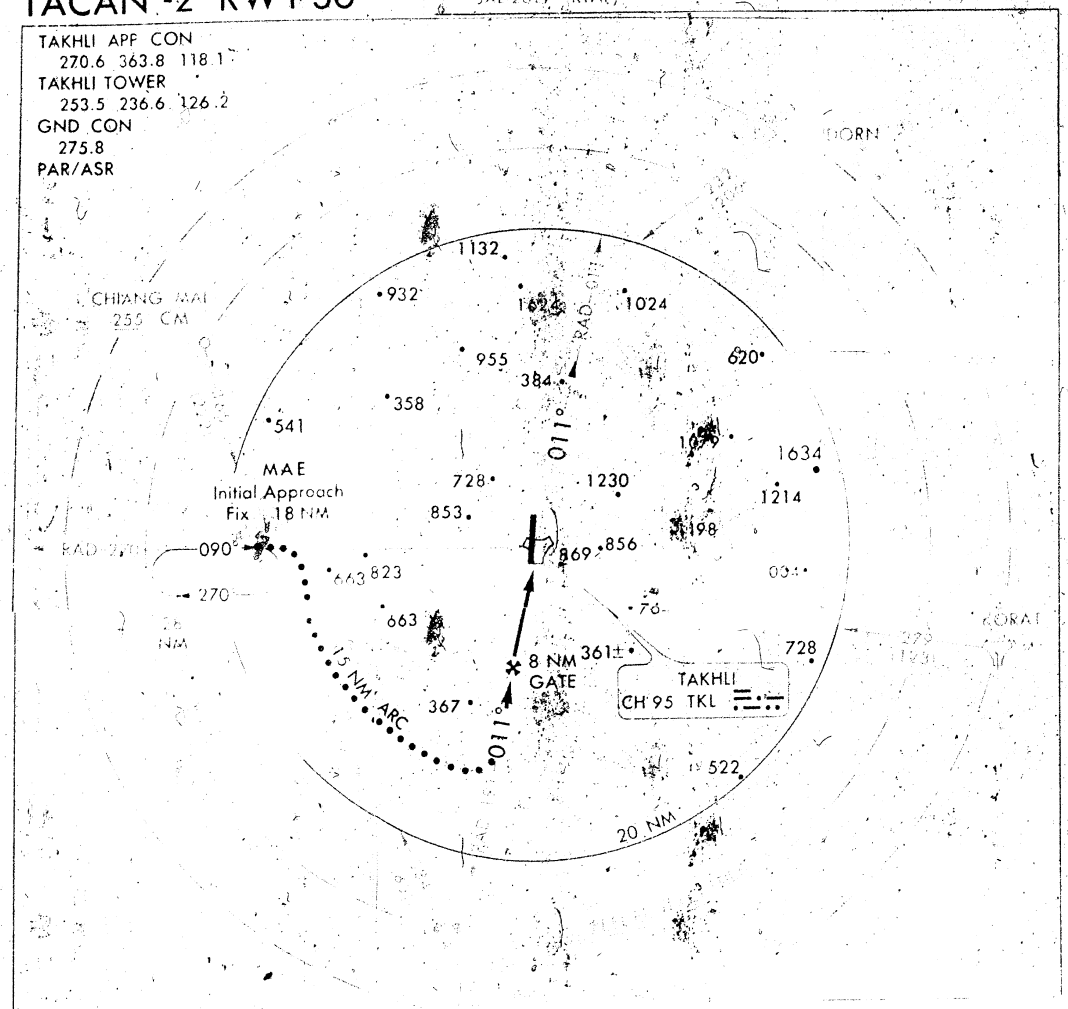
TACAN -2 RWY 36

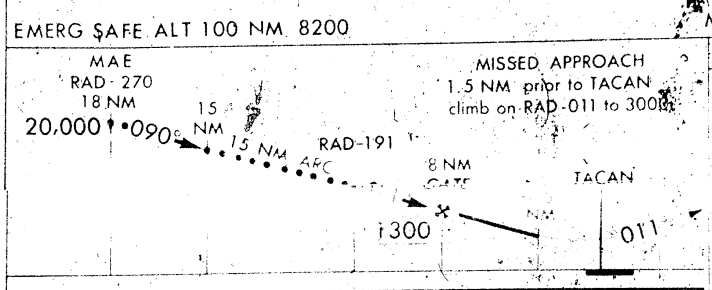
TAKHLI A/D
TAKHLI, THAILAND

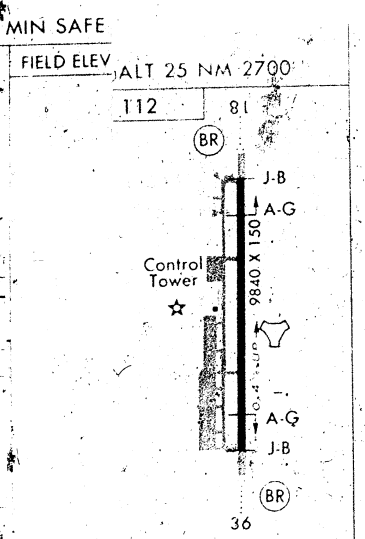
TAKHLI APP CON
270.6 363.8 118.1
TAKHLI TOWER
253.5 236.6 126.2
GND CON
275.8
PAR/ASR



EMERG SAFE ALT 100 NM 8200

MIN SAFE FIELD ELEV ALT 25 NM 2700





LANDING MINIMA		
Straight-in	400 MSL	300-1
Circling	NOT AUTHORIZED	

15°16'N-100°18'E

TAKHLI, THAILAND
TAKHLI A/D

TACAN-2 RWY 36

TAKHLI

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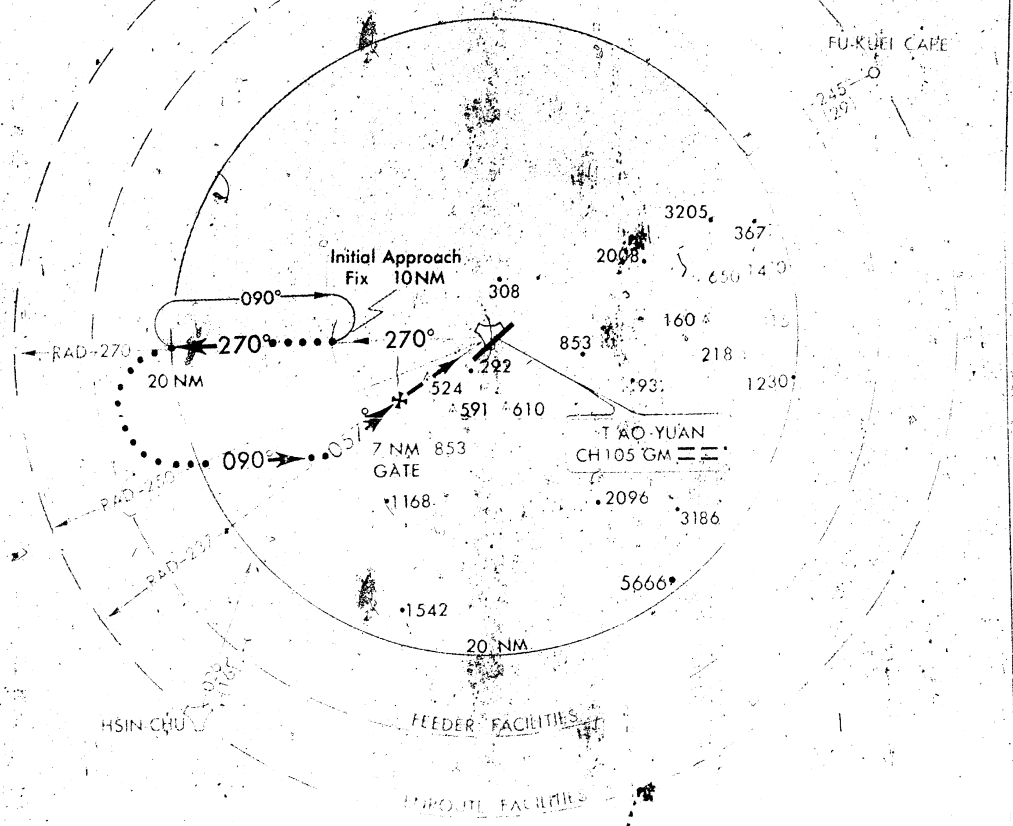
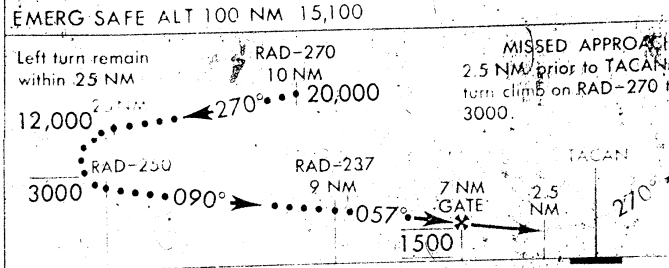
T'AI-PEI APP CON
363.8 119.7
GM TOWER
236.6 126.18
GND CON
275.8
PAR/ASR



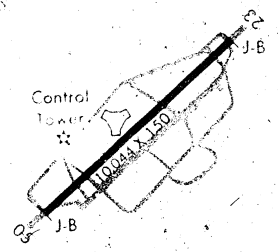
TA 18,000
EMERG SAFE ALT 100 NM 15,100

MIN SAFE ALT 25 NM 8000
FIELD ELEV 147

Left turn remain within 25 NM



MISSED APPROACH
2.5 NM prior to TACAN left turn climb on RAD-270 to 3000.



LANDING MINIMA		
Straight-in	500 MSL	400-1
Circling *	600 MSL	500-1

* Circling to Northwest only.

TAOYUAN

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Box 10 Folder 3, Page 503 69B00041

ROUTE STRIP

BS 6729

BS 47

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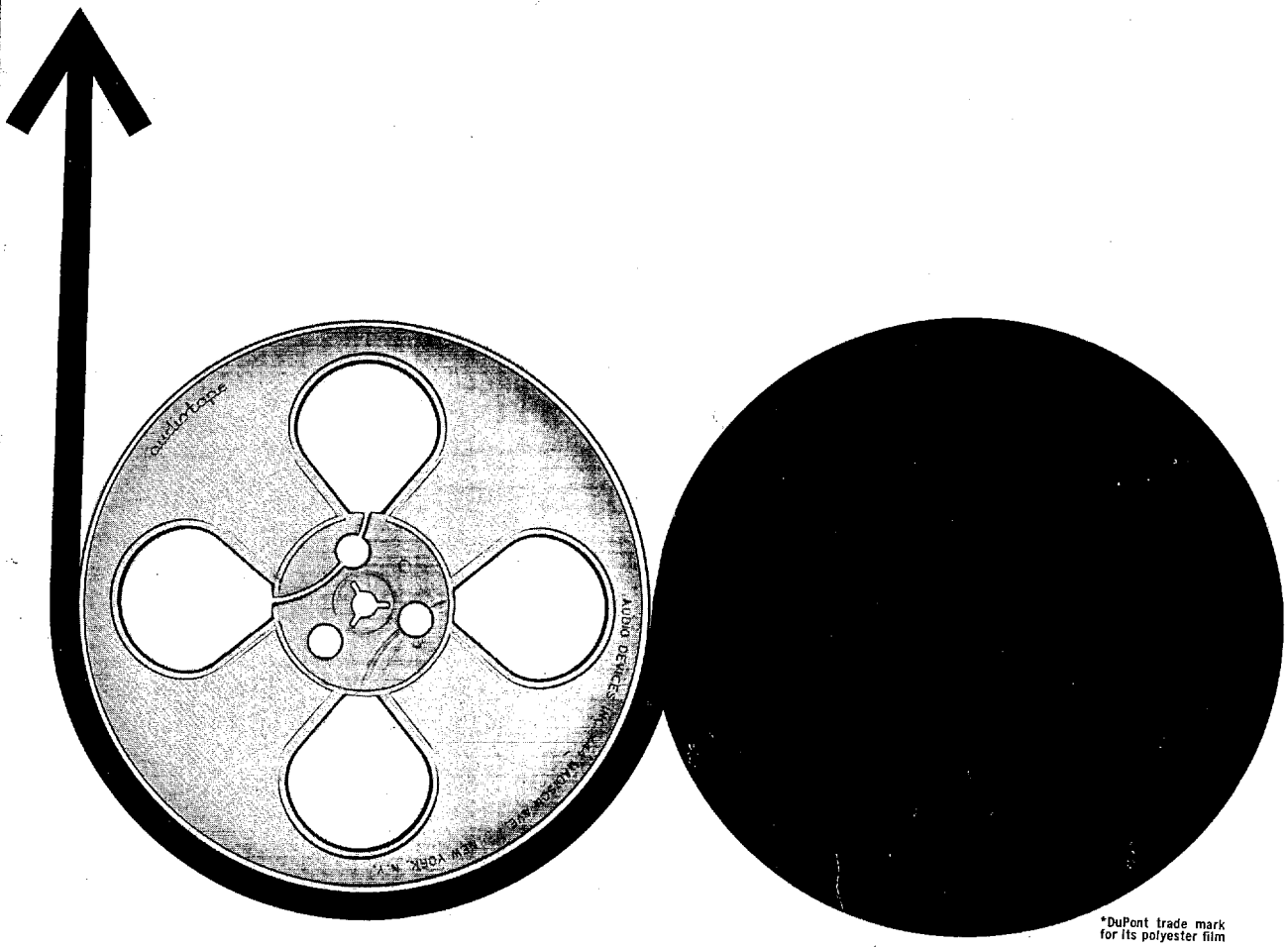
audiotape

TRADE MARK

PROFESSIONAL QUALITY, SPLICE-FREE
ON THE CONVENIENT C-SLOT REEL

TRIPLE
RECORDING
ON "TEMPERED" MYLAR*



*DuPont trade mark
for its polyester film

MAGNETIC RECORDING TAPE MANUFACTURED BY AUDIO DEVICES, INC., NEW YORK, N.Y.

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audiotape

it speaks for itself

RECORDING TIME PER TRACK (in minutes)			
Tape Speed	1200 ft.	1800 ft.	2400 ft.
1⅞	128	192	256
3¾	64	96	128
7½	32	48	64
15	16	24	32

REEL NO. BX6729

MONAURAL: Single Track ☐ Dual Track ☐

STEREO: Two Track ☐ Four Track ☒

Track	Speed	Subject	Date	Footage	Recording Time
	BRIEFING +				
	DE-BRIEFINGS				
	OXC-1301				

GUARANTEE: Audiotape is manufactured by skilled technicians with great care. Audio Devices is sure that you will be satisfied with the results obtained with this magnetic tape and we assure you satisfaction with the following guarantee: This magnetic tape will be replaced if defective in manufacture, labeling or packaging. There is no other warranty or liability, expressed or implied.

AUDIO DEVICES, INC.

235 East 42nd Street, New York, N. Y. 10017

U. S. Patents: 2692736 2700367 2714873

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Scotch®

BRAND

recording tape

3M COMPANY

190

EXTRA LENGTH

¼ IN. x 1800 FT. (6.35mm x 540m)

SPLICE FREE 7″ REEL

SILICONE LUBRICATED

1.0 MIL ACETATE BACKING

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CRITIQUE
BX 6729

TIME CHART	RECORDING ONE DIRECTION Monophonic 1 Track		Stereophonic 2 Tracks	RECORDING BOTH DIRECTIONS Monophonic 2 Tracks		Stereophonic 4 Tracks*
	1⅞ ips	3¾ ips	7½ ips	1⅞ ips	3¾ ips	7½ ips
1200 Ft.	2 hrs.	1 hr.	30 min.	4 hrs.	2 hrs.	1 hr.
1800 Ft.	3 hrs.	1½ hrs.	45 min.	6 hrs.	3 hrs.	1½ hrs.
2400 Ft.	4 hrs.	2 hrs.	1 hr.	8 hrs.	4 hrs.	2 hrs.
3600 Ft.	6 hrs.	3 hrs.	1½ hrs.	12 hrs.	6 hrs.	3 hrs.

*Double these times for 4-track monophonic recording.

NOTICE: The following is made in lieu of all warranties, express or implied: Seller's and manufacturer's only obligation shall be to replace such quantity of the product proved to be defective. Seller and manufacturer shall not be liable for any injury, loss or damage, direct or consequential, arising out of the use of or the inability to use the product. Before using, user shall determine the suitability of the product for his intended use and user assumes all risk and liability whatsoever in connection therewith. The foregoing may not be changed except by an agreement signed by officers of seller and manufacturer.

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TAPE PATENTED UNDER ONE OR MORE U.S. PATENTS: 2654681, 2711901.

Magnetic Products Division 3M COMPANY

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